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Lancaster Farming

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Mid-Atlantic Conservation Tillage Conference

Farmers Must Write Their Own Environmental Agenda

BY PAT PURCELL

YORK — The public's growing environmental concern has become the number one priority for farmers. It's impact is felt locally as well as nationally. The impact of this growing concern was the common thread running through the day-long Mid-Atlantic Conservation Tillage Conference held in York this week.

The Conservation Tillage Conference, formerly the No-Till Conference, traditionally has presented to farmers, educators and agri-business people the latest in farming techniques. But attendance appears to grow each year because beyond learning what's new in farming, they are learning how to make it work on their farm.

Who's On First?

"Today's agriculture might be described as a Chinese baseball game," said Len Richardson, Editor of Agrichemical Age. "In this mythical sport, both the ball and the bases are in motion. As soon as the ball is hit, the defending players can pick up the base bags and move them anywhere in fair territory. The offensive players never know in advance where they must run to be safe."

Richardson opened the conference with "Resources At Risk--How Water Quality Issues Are Shaping Your Future". Changes in government programs, global political changes and their effects on the world market place and the current emphasis on resource management makes it nearly impossible for farmers to cover all the bases, much less come in safe at home.

Farmers can expect the 1990 farm bill to be "the battleground for groundwater regulation and control,"according to Richardson. He challenged farmers to become the directors of change instead of the victims.

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Seedsmen's Association Suggests Grower's Fee

BY LISA RISSER

LANCASTER — The Pennsylvania seed certification program was the big topic of discussion at the annual Pennsylvania Seedsmen's Association (PSA) meeting on Friday.

Hugh Markham, chairman of the organization's seed promotion committee and manager of the Emmaus Seedway store, appealed to members for their ideas on beefing up the state's program and recommended assessing growers to help fund the program.

"I suggest we study the provisions of the Agricultural Commodities Act of 1968, which provides that we can set up a marketing organization, to basically assess the people who are in seed production to help run the certification program," said Markham.

Because total acreage of certified seed grown in Pennsylvania has dropped to half of what was grown in 1982, PDA has siphoned funds off from the seed certification program to other areas such as pesticide programs. Now, should the demand for Pennsylvania seeds rise, state's certification agency wouldn't be able to handle volume.

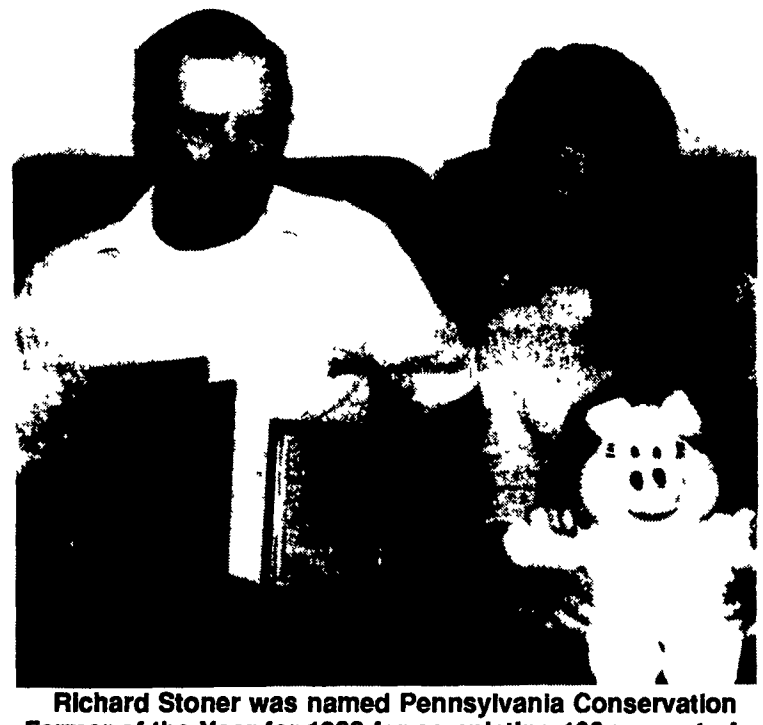
Concerned Pennsylvania seed growers have visited with Secretary of Agriculture, Boyd Wolff, earlier this year to express their worries. "While they (PDA officials) were sympathetic, it seems that PDA can't do anything directly," remarked Markham.

As PSA's seed promotion committee sees it, there are three options to beefing up the state's program: creation of a new entity to handle certification; assignment by PDA of another agency or agencies to handle certification; or seeking ample financial resources to make the program viable.

According to Markham, earlier this fall when demand for wheat and barley seeds was high, Virginia's seed certification agencies couldn't process the seeds fast enough to allow farmers to get them to market.

"This is an industry-wide problem," Markham said. "Farmers may have the wherewithal to grow seed, but they can't get it certified to get it to the market."

In other business, Dennis Shoop of Agway, former vice president for the association, was elected as president. Outgoing president, Frank Welch of Beachley Hardy Seed, was presented with the Past President's award.



Richard Stoner was named Pennsylvania Conservation Farmer of the Year for 1988 for completing 100 percent of his conservation plan. He also received the Goodyear Conservation Award of Merit. Pictured with Stoner are his wife, Lana, and three year old son, Andy. Andy holds Orson, a favorite stuffed toy.

Dairy Industry At Crossroads, Zuber Says

BATAVIA, N.Y. — "The dairy industry in the Northeast is at a crossroads," Regional Cooperative Marketing Agency (RCMA) President Bill Zuber told dairy farmers and delegates at the RCMA Annual meeting last week in Liverpool, N.Y. "It's time to choose the path that will lead to a strong, viable dairy industry," Zuber said. According to Zuber, RCMA is one of the best alternatives for dairy farmers right now because it can return monthly cash premiums to the farmer from the marketplace.

Zuber said he is especially proud of the organization's first year because "we paid out $34 Million since last September while keeping our operating expenses way down - only 1½ ¢ per hundred pounds of member-milk. That means the average RCMA member who shipped milk through September 1988 received $1,545 at a cost to the consumers of only 4½ ¢ per gallon."

RCMA Executive Director Ed Anna reviewed the highlights of RCMA's first year, telling directors and delegates that RCMA has made tremendous progress, especially in the quantity and quality of membership and in the rapport with milk handlers.

Legislators, governors, and

(Turn to Page A29)

Stoner Named Pennsylvania Conservation Farmer Of The Year

BY
BONNIE BRECHBILL
Franklin Co. Correspondent

GREENCASTLE — A low-lying area that was once a swamp is now a pond that attracts wild geese, ducks and an occasional blue heron. It is home to bluegills and large-mouth bass.

Low areas between hills, formerly overgrown with briars, are now wide, green strips that produce high-quality hay.

The farmer responsible for the dramatic changes that have occurred on this 115 acres of slate land near Greencastle is Richard Stoner. Stoner was recently named the Pennsylvania Conservation Farmer of the Year by the Pennsylvania Association of Conservation District Directors Inc. for completing 100 percent of his

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Letter To Editor Breaks News Of Lottery Drawing At Farm Show

BY EVERETT NEWSWANGER, Managing Editor

EPHRATA — From the writer of a signed letter to the editor but with the request not to identify the source, *Lancaster Farming* learned this week that the Pennsylvania lottery drawing for Monday, January 9, will take place from the large arena at the Farm Show. The event, to be staged during the Governor's Night program at 7 p.m. for prime time television, will include the Lottery's Daily Number and Big 4 drawing. Audience members also will witness three post drawings held immediately after the live telecast.

An official in Harrisburg later confirmed the report.

The letter writer took strong exception to the scheduled event saying that "the lottery has no place in the family-oriented Farm Show. I believe it would be safe to say that the average farm family would be opposed to the lottery; most would consider it gambling and against the principles that most hard-working farmers believe in. It's been a thrill over the years to go to the Farm Show and see wholesome farm families making up the backbone of this exhibition. Did anyone consult them and ask them if they would approve of the lottery being a part of their show?" the letter writer asked.

(Turn to Page A10)

First Manure-Management Ordinance Approved In Lancaster County

BY BECKY COLLINS
Special to Lancaster Farming

LITITZ (Lancaster) — History was made this week when the Warwick Township supervisors approved the county's first manure-management ordinance. The ordinance, first proposed in June, was revised twice before being accepted.

"Lancaster County has the chance to be on the leading edge if we take the leadership role on this," said board chairman, Irel Buckwalter, before the vote was taken. "This is a workable solution," he added.

The approved ordinance was authored by the Pennsylvania Farmers' Association, and the Chesapeake Bay Authority based on a sample ordinance proposed by the Lancaster County Conservation District.

Several farmers at the meeting argued that the ordinance is fiscally prohibitive to farmers expanding their operations. Costs for implementing the ordinance include the permit fee plus the fee for compiling a nutrient-management plan.

But Buckwalter said, "This ordinance was written with the

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market and auction news

Lancaster Livestock Auction

Monday, Dec. 6
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	883	103	322	834	766
Monday's Auction	955	102	259	912	758
Last Monday's Auction	986	110	492	568	407
Last Year's Auction	998	124	681	866	649

CATTLE: SLAUGHTER STEERS UNEVEN, CHOICE STEADY TO WEAK, SELECT AND LOW CHOICE MOSTLY 1.00 LOWER; SLAUGHTER HEIFERS 1.00-1.50 LOWER; COWS FIRM TO 1.00 HIGHER; BULLOCKS FULLY STEADY; BULLS 1.00-2.00 HIGHER. SUPPLY INCLUDED 62% SLAUGHTER, 13% SLAUGHTER HEIFERS, 16% COWS, WITH BALANCE BULLS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1125-1375 LB. 73.75-74.85, COUPLE HEAD 75.25-76.50; CHOICE 2-3, FEW 4 1050-1400 LB. 71.00-74.00; SELECT AND LOW CHOICE 2-3 1100-1400 LB. 67.00-71.75, INCLUDING AROUND 60 HEAD 1050-1250 LB. RETURNED TO FEED AT 69.00-71.75; COUPLE LOTS 1350-1450 LB. 65.00-66.50; FEW CHOICE 1450-1625 LB. HOLSTEINS 62.00-64.00; FEW SELECT 1250-1550 LB. 54.25-60.00.

SLAUGHTER HEIFERS: CHOICE 2-3 1000-1275 LB. 66.00-69.00, FEW CHOICE 2 69.00-69.50; SELECT 2-3 950-1225 LB. 62.00-66.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 45.50-48.00, HIGH DRESSING 48.00-50.00; COMMERCIAL 3-4 BULK 44.00-46.00; CUTTER AND BONING UTILITY 1-2 LOW DRESSING 43.00-44.00, BULK 44.00-47.50, HIGH DRESSING 47.50-49.50; CANNER AND LOW CUTTER LOW DRESSING 40.00-41.00, BULK 41.00-43.50.

BULLOCKS: CHOICE 1-3 1100-1600 LB. 63.25-65.50, COUPLE 65.50-66.50; SELECT 1-2 1050-1275 LB. 57.75-61.50.

BULLS: YIELD GRADE 1 1450-1950 LB. 60.50-65.25, FEW 65.50-67.25; YIELD GRADE 2 1100-1600 LB. 58.00-60.50, LOW DRESSING 55.00-57.50.

VEAL CALVES: VEALERS STEADY, ALTHOUGH CHOICE AND PRIME NOT TESTED; SLAUGHTER CALVES STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: HIGH GOOD AND LOW CHOICE 150-300 LB. 85.00-92.00, COUPLE CHOICE 210-310 LB. 92.00-100.00; HIGH GOOD AND LOW CHOICE 80-110 LB. 60.00-70.00; STANDARD AND LOW GOOD 60-85 LB. 55.00-60.00.

SLAUGHTER CALVES: GOOD AND CHOICE 270-470 LB. 65.00-80.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 120.00-140.00.

HOGS: COMPARED TO LAST WEDNESDAY BARROWS AND GILTS 4.00-4.50 HIGHER; SOWS STEADY, INSTANCES 1.00 HIGHER ON US 1-2.

BARROWS AND GILTS: US 1-2 215-255 LB. 43.50-44.25; US 1 210-250 LB. 44.25-45.00; US 1-3 210-260 LB. 42.50-43.75.

SOWS: US 1-3 300-650 LB 24.00-27.00; FEW US 1-2 300-450 LB. 27.50-29.50.

Vintage Livestock Auction

Tuesday, Dec. 13, 1988
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	631	878	9	2
Last Tuesday	798	1016	4	0
Last Year	689	831	4	1

CATTLE: SLAUGHTER STEERS STEADY, ALTHOUGH HIGH CHOICE AND PRIME NOT TESTED; SLAUGHTER HEIFERS FIRM TO 1.00 HIGHER; COWS 1.00 HIGHER, INSTANCES 2.00 HIGHER EARLY; BULLS AND BULLOCKS NOT FULLY TESTED. SUPPLY INCLUDED 28% SLAUGHTER STEERS AND 64% COWS.

SLAUGHTER STEERS: CHOICE 2-3, FEW 4 1050-1550 LB. 71.00-74.00, FEW 74.00-74.75, COUPLE CHOICE 2 1150-1425 LB. 75.50-76.00; SELECT AND LOW CHOICE 2-3 1050-1425 LB. 68.00-71.60.

SLAUGHTER HEIFERS: FEW HIGH CHOICE AND PRIME 2-3 1075-1275 LB. 73.00-75.00; FEW CHOICE 2-3 1000-1250 LB. 68.00-72.10.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 47.00-48.75, HI DRESSING 48.75-51.00; COMMERCIAL 3-4 BULK 44.00-46.00; CUTTER AND BONING UTILITY 1-2 LO DRESSING 44.75-46.00, BULK 46.00-50.00, HI DRESSING 50.00-52.00; CANNER AND LOW CUTTER LO DRESSING 40.00-41.50, BULK 41.50-45.00.

BULLOCKS: FEW CHOICE 1-3 1250-1425 LB. 62.25-64.00; COUPLE SELECT 1-2 1150-1425 LB. 56.50-61.75.

BULLS: YIELD GRADE 1-2 1100-1850 LB. 55.75-58.50, COUPLE YIELD GRADE 1 59.00-61.75.

SHEEP: SLAUGHTER LAMBS FULLY STEADY; SLAUGHTER EWES FIRM TO 5.00 HIGHER.

WOOLED LAMBS: CHOICE AND PRIME 80-110 LB. 70.00-76.00, WITH SOME LATE SALES 65.00-70.00; CHOICE 60-80 LB. 65.00-80.00, FEW 120-155 LB. 55.00-65.00.

NEW CROP LAMBS: CHOICE 30-50 LB. 125.00-175.99, 50-70 LB. 100.00-125.00.

SLAUGHTER EWES: UTILITY AND GOOD 20.00-30.00, FEW 30.00-40.00; YEARLINGS AND TWO YEAR OLDS 40.00-50.00.

GOATS: ALL GOATS SOLD BY THE HEAD, LARGE FLESHY 60.00-80.00, FEW 80.00-90.00, THIN 50.00-60.00; MEDIUM 40.00-55.00; SMALL, MAINLY KIDS, FLESHY 40.00-60.00, THIN 25.00-40.00.

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, December 14, 1988

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Receipts	72	12	560	120	33
Wed's Auction	47	0	436	0	0
Last Wed's Auction	23	9	329	0	0
Last Year's Auction	53	5	189	0	0

CATTLE: Insufficient volume of any one class to test trends.

VEAL CALVES: No market test.

HOGS: Compared to Monday barrows and gilts 1.50-2.00 lower; sows mostly steady.

BARROWS AND GILTS: US 1-2 210-245 lb 41.50-42.25.
US 1 210-240 lb 43.00-45.00.
US 1-3 210-260 lb 41.00-41.50.

SOWS: US 1-3 350-650 lb 24.00-28.50.

SHEEP: No market test.

GOATS: No market test.

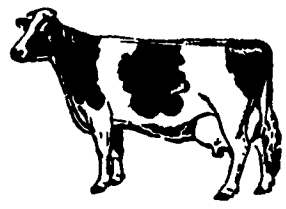
VEAL CALVES: VEALERS STEADY, ALTHOUGH CHOICE AND PRIME SCARCE. SUPPLY INCLUDED 693 IN GRADED SALE OF WHICH 80% SOLD TO RETURN TO FARM.

VEALERS: COUPLE CHOICE 140-180 LB. 100.00-104.00, INDIVIDUAL PRIME 195 LB. 111.00; HIGH GOOD AND LOW CHOICE 200-320 LB. 73.00-80.00, 80-110 LB. 60.00-65.00, FEW 105-115 LB. 66.00-74.00; STANDARD AND LOW GOOD 60-85 LB. 52.00-60.00.

RETURNED TO FARM: 25 HEAD 120-125 LB. HOLSTEIN BULLS 120.00, 265 HEAD 90-115 LB. 132.00-141.00; 80 HEAD SMALL FRAME 100-115 LB. 115.00-119.00, 45 HEAD 90-95 LB. 90.00-92.00 AND 20 HEAD 80-85 LB. 70.00. 30 HEAD 100-115 LB. HOLSTEIN HEIFERS 127.00-128.00 AND 65 HEAD SMALL FRAME 85-105 LB. 70.00-72.00.

SHEEP: INSUFFICIENT VOLUME TO TEST MARKET.

GOATS: INSUFFICIENT VOLUME TO TEST MARKET.



New Holland Livestock

New Holland, Pa.
Thursday, Dec. 15

	Cattle	Calves	Sheep	Goats
Today	847	571	221	14
Last Thursday	832	596	83	38
Last Year	794	644	295	75

CATTLE: SLAUGHTER STEERS FULLY 1.00 HIGHER; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS 1.00 TO MOSTLY 2.00 HIGHER; BULLOCKS SCARCE; BULLS STEADY, ALTHOUGH YIELD GRADE 1 NOT FULLY TESTED. SUPPLY INCLUDED 39% SLAUGHTER STEERS AND 51% COWS.

SLAUGHTER STEERS: FEW HEAD HIGH CHOICE AND PRIME 2-4 1200-1425 LB. 75.50-76.85; CHOICE 2-3, FEW 4 1075-1450, COUPLE 1500-1610 LB. 72.00-75.00; SELECT AND LOW CHOICE 1050-1425 LB. 68.00-72.10, FEW SELECT 2-3 64.50-67.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3, BULK 48.00-50.50; CUTTER AND BONING UTILITY 1-2 LO DRESSING 46.00-47.00, BULK 47.50-51.00, HI DRESSING 51.00-54.00; CANNER AND LOW CUTTER LO DRESSING 40.50-43.50, BULK 44.00-47.50.

BULLOCKS: COUPLE CHOICE 1-3 1150-1400 LB. 65.00-66.75.

BULLS: YIELD GRADE 1 1450-2000 LB. 60.00-63.25, COUPLE 64.00-66.25; YIELD GRADE 2 1050-1500 LB. 57.00-60.00, FEW LOW DRESSING 53.00-56.50.

VEAL CALVES: VEALERS MOSTLY STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: COUPLE HIGH CHOICE AND PRIME 260-350 LB. 119.00-130.00; CHOICE 170-350 LB. 90.00-102.00, COUPLE 103.00-107.00; HIGH GOOD AND LOW CHOICE 135-330 LB. 77.00-90.00, 80-110 LB. 62.00-70.00, FEW 70.00-75.00; STANDARD AND LOW GOOD 60-85 LB. 50.00-62.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 110.00-140.00, FEW 140.00-145.00; SMALL FRAME 90-115 LB. 85.00-115.00.

SHEEP: SLAUGHTER LAMBS STEADY, SUPPLY INCLUDED SEVERAL 25-65 IN NEW CROP LAMBS; SLAUGHTER EWES STEADY.

WOOLED LAMBS: CHOICE AND PRIME 80-110 LB. 72.00-79.00, FEW CHOICE 110-150 LB. 61.00-68.00.

NEW CROP LAMBS: CHOICE 20-40 LB. 180.000-212.00, 40-50 LB. 135.00-184.00, AND 55-65 LB. 107.00-135.00.

SLAUGHTER EWES: UTILITY AND GOOD 22.00-32.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE 51.00-64.00, MEDIUM 35.00-51.00, FEW SMALL 30.00-36.00.

Lancaster County Weekly

Lancaster, PA
December 16, 1988

	Cattle	Calves
This Week	2700	1565
Last Week	3330	1726
Last Year	2795	1605

CATTLE: Slaughter steers closed mostly 1.00 higher; slaughter heifers weak to 1.00 lower, although not tested late; cows 2.00-3.00 higher, instances 4.00 higher; bullocks fully steady; bulls 1.00-2.00 higher. Supply included 41% slaughter steers, 7% slaughter heifers, 38% cows, 6% bulls, with the balance feeders.

SLAUGHTER STEERS: Few High Choice and Prime 2-4 1100-1425 lb 75.50-76.85; Choice 2-3, few 4 1050-1550 lb 72.00-75.00, with some early sales 71.00- 72.00; Select and low Choice 2-3 1050-1425 lb 68.00-72.10; few Select 2-3 64.50-67.50; few Choice 1350-1625 lb Holsteins 62.00-64.00; few Select 1250-1550 lb 54.25-60.00.

SLAUGHTER HEIFERS: Few high Choice and Prime 2-4 1075-1275 lb 73.00-75.00; Choice 2-3 1000-1275 lb 66.00-70.00; Select 2-3 950-1225 lb 62.00-66.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-3 47.00-50.50 50.50-51.50. Commercial 3-4 44.00-47.00. Cutter and Boning Utility 1-2 45.00-47.00 47.00-51.00 51.00-54.00. Canner and low Cutter 40.00-43.50 43.50-47.50.

BULLOCKS: Choice 1-3 1100-1600 lb 62.25-65.50, few 65.50-66.50; Select 1-2 1050-1475 lb 56.50-62.00.

BULLS: Yield grade 1 1350-2000 lb 60.00-65.25, few 65.25-67.25; yield grade 2 1050-1600 lb 57.00-60.50, low dressing 53.00-57.00.

VEAL CALVES: Vealers steady; slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS: Few high Choice and Prime 195-350 lb 111.00-130.00; Choice 150-350 lb 90.00-104.00, couple 105.00-107.00; high Good and low Choice 135-330 lb 73.00-90.00, 80-110 lb 60.00-70.00, few 70.08-75.00; Standard and low Good 60-85 lb 50.00-62.00.

SLAUGHTER CALVES: Good and Choice 270-470 lb 65.00-80.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 110.00-140.00, few 140.00- 145.00; small frame 90-120 lb 90.00-119.00, 80-90 lb 70.00-90.00; few 100-115 lb Holstein heifers 127.00-128.00, with 65 head small frame 85-105 lb 70.00- 72.00.

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AUCTIONS
MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs
FRIDAY
11:00 A.M. —Stocker and Feeder Cattle
SATURDAY
8:00 A.M. —Slaughter Hogs

HOLIDAY SCHEDULE
No Feeder Sale Fri., Dec. 23
No Hog Sale Sat., Dec. 24
OPEN: Mon., Dec. 26 As Usual
Next Graded Feeder Cattle Sale
Fri., Dec. 30 - 11:00 A.M.
CLOSED: No Hog Sale Sat., Dec. 31
Open Same As Usual Mon., Jan. 2, 1989
Graded Cattle Sold In Lots of 10 or More

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Every Friday at ~~12 Noon~~.
NEW SALE TIME
Starting Jan. 6, sale will begin at 11 am every Friday.
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
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Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auctio every Tuesday at 12:3 Tools, Eggs, Produc etc.
Buyers & Sellers Welcome

HOG MARKETS

New Holland Hog Auction

Lancaster, Pa.

Monday, December 12, 1988

Hog Receipts:

Today	840
Last Monday	1493
Last Yeare	811

TREND: Compared to last Monday barrows and gilts 2.00-2.50, instances 3.00 higher.

BARROWS AND GILTS: US 1-2 Early, 210-255 lb 41.00-42.50, couple lots 43.00. Late 42.50-43.00.

US 1 215-240 lb 44.35-46.50.

US 1-3 210-260 lb 40.50-41.50.

Couple lots US 2-4 240-260 lb 39.00, One lot 288 lb 36.50, One lot 202 lb 37.00.

Lancaster Hogs

Lancaster Stockyards

Sat., Dec. 10, 1988

Report supplied by auction

963 HEAD.

US 1 215-245 LBS. 43.00-44.00.

US 1-2 215-250 LBS. 41.50-42.75.

US 1-3 205-255 LBS. 39.25-41.00.

US 2-4 215-255 LBS. 38.00-39.00.

SOWS: UNDER 500 LBS. 24.00-28.50; OVER 500 LBS. 23.00-26.75.

BOARS: UNDER 270 LBS 25.00-29.00; OVER 270 LBS. 22.00-24 00.

THERE WILL BE NO MARKET ON SATURDAY, DECEMBER 24 OR SATURDAY, DECEMBER 31.

Peoria Hogs

Peoria, Illinois

Thursday, December 15, 1988

FEDERAL-STATE MIDSESSION AND CLOSE HOGS: 2400 TRADING MODERATE BARROWS AND GILTS .50 TO 1.00 HIGHER COMPARED WITH WEDNESDAY.

US 1-3 220-250 LBS. 42.00-42.50 80 HEAD 42.75-43.00 2-3 240-260 LBS. 41.50-42.00 260-280 LBS. 39.50-41.50.

SOWS: UNDER 500 LBS. .50 TO 1.00 HIGHER OVER 500 LBS. 1.50 TO 2.00 HIGHER 16%.

US 1-3 325-500 LBS. 29.00-30.00 500-650 LBS. 31.50-32.00

BOARS; OVER 350 LBS. 27.50 UNDER 350 LBS. 26.50-30.00

HOG 214 HC 42.00-43.00 HD 42.00-43.00 HE 42.00-43.00 HI 42.00-42.50 HJ 42.00-42.50 HK 42.00-42.50 HQ 41.50-42.00 HR 40.50-41.50 VV 29.00-30.00 WW 29.00-30.00 XX 31.50-32.00 YY 31.50-32.00 ZZ 27.50-27.50.

New Holland Feeder Pigs

New Holland, PA

December 14, 1988

Report Supplied by Auction

1203 HEAD.

1'S & 2'S: 30-39 LBS. .72-1.20; 40-49 LBS. .62-.87; 50-59 LBS. .62-.74

2'S & 3'S: 30-39 LBS. 76- 98, 40-49 LBS .52-.68.

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Dec. 9 through Thursday, Dec. 15)

CORN

	FRI.	MON.	TUES.	WED.	THUR.
DEC.	259½	261½	265¼	266¼	268¼
MAR 89	270¾	272¼	275½	277¼	279
MAY	275	277	281	283	283¼
JUL	276½	279¼	282¾	285¼	286¼
SEPT	259	263½	265½	269½	269¾

SOYBEANS

	FRI.	MON.	TUES.	WED.	THUR.
DEC.	773½	769¼	765½	778¼	775½
MAR.	785¼	781¼	777¼	790¼	787¼
MAY	788½	786	782¼	796	793¼
JUL.	786¼	785½	780½	794½	792¼
AUG.	775	775	770¼	785	782
SEPT.	728¼	730	728½	737	737
NOV.	696¼	701	697½	705	702¼

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THUR.
DEC.	71.82	72.42	72.45	72.37	72.97
FEB. 89	71.57	72.15	72.05	74.72	72.47
APR.	73.75	74.15	74.07	73 55	74 70
JUNE	72.50	73.00	73.05	71.40	73.60
AUG.	70.60	71.05	71.05	74.32	71.47

WHEAT

	FRI.	MON.	TUES.	WED.	THUR.
DEC.	427	428½	427	426¼	428¼
MAR. 89	426¼	429	427¼	427¼	429¼
MAY	408¼	411½	412½	411¾	415¼
JULY	381¼	384½	386¼	386½	389
SEPT.	385	387½	389½	390	393

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THUR.
DEC.	246.70	243.80	243.90	249.20	249.60
JAN. 89.	247.60	244.80	245.10	250.10	250.10
MAR.	246.60	244.70	244.70	250.20	250.50
MAY	243.20	243.20	242.20	246.20	247.70
JUL.	238.00	238.50	237.50	240.20	242.50
AUG.	229.50	229.00	228.00	230.00	232.50
SEPT.	219.90	220.00	221.00	224.00	224.70

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THUR.
DEC.	41.60	42.77	42.52	43.20	43.00
FEB. 89	44.75	45.87	46.05	46.20	45.92
APR.	43.42	44.62	45.00	45.05	44.82
JUNE	47.80	48.45	49.42	49.45	49.30
JUL.	48.07	48.82	49.30	49.50	49.47
AUG.	47.45	48.20	48.30	48 42	48.30

FARM BUREAU ACRES

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services For additional market comments and trading service contact PFA Commodity Futures Service (717) 761 2740

ACRES CORN UPDATE: Corn futures closed higher again today posting gains from 1-1/2 cents on the December to 4 cents on the September in response to surging soybean and meal prices. Further support was tied to ideas the Soviets would soon be in a position to purchase U.S. corn in addition to soymeal. Gains were held in check by large scale commercial selling throughout the session based on ideas no corn purchases would be made until after some decision on export bonus wheat. December ended the day at its session high of $2.66-3/4.

ACRES SOYBEAN UPDATE: Soybean futures closed sharply higher fueled by a strong rally in meal. Talk that the Soviet Union was expected to bid on 200,000 to 500,000 metric tonnes for shipment February/April propelled meal better than $5.00 higher in the front three options. Further support was attributed to a lighter than expected rainfall in Brazil and a drop in the U.S. dollar. January closed out the day 12-3/4 cents higher at $7.78-1/4 after briefly touching $7.79 shortly before the close.

ACRES WHEAT UPDATE: Wheat futures prices ended the day fractionally lower after trading higher throughout most of the day. March again failed to pierce strong overhead resist ance at $4.30 which prompted some professional sales. Further pressure was attributed to the continued absence of export bonus news out of the Soviets along with a slight increase in World Production figures. Today's failure to rally on spillover from the soy complex was bearishly construed. There is still a soil moisture problem in parts of the hard red wheat region which could lend support in the coming sessions. December lost 1/4 cent and ended the day at $4.26-3/4 while July lost 1/2 cent and closed out the day at $3.86-1/4. The USDA announced after the close that it had targeted Egypt for 300,000 metric tonnes of export bonus.

ACRES CATTLE UPDATE: Live and feeder cattle futures closed higher today supported by a firm cash market tone and active cash connected buying. Some positioning was featured in advance

(Turn to Page A19)

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HOLIDAY SCHEDULE

No Feeder Sale Fri., Dec. 23

No Hog Sale Sat., Dec. 24

OPEN: Mon., Dec. 26 As Usual

Graded Feeder Cattle Sale

Fri., Dec. 30 at 11:00 A.M.

CLOSED: No Hog Sale Sat., Dec. 31

Open Same As Usual Mon., Jan. 2, 1989

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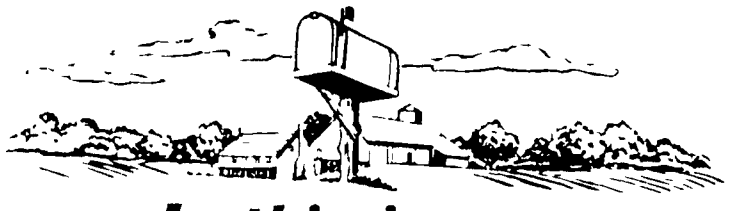

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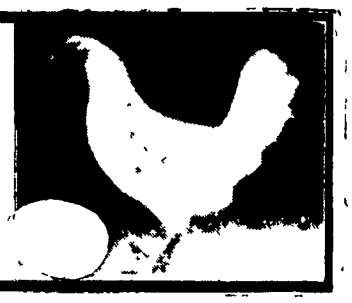

N.E. Weekly Shell Egg Report

Tuesday, Dec. 13
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.00-1.04	.94-.98	.76-.80	.48-.52
MOSTLY	1.02-1.03	.96-.97	.78-.79	.50-.51
R.I.	.99-1.03	.92-.96	.76-.80	.48-.51
MOSTLY	.99	.92	.76	.48
VERMONT	1.05-1.12	1.00-1.05	.79-.88	
MOSTLY	1.10	1.05	.85	
MAINE	1.07-1.09	1.01-1.03	.83-.86	.55-.57

National Egg Market

Thursday, December 15, 1988

NATIONAL EGG MARKET - AT A GLANCE:

Prices trended higher in the North Atlantic region and the Midwest, unchanged elsewhere. The market tone was fully steady to firm. Demand at all levels was moderate to good, best where features were active. Supplies were short and actively sought to adequate and confidently held. Breakers continued to pay higher prices for shell eggs and offerings were limited.

Eastern PA & New Jersey Poultry Report

Wednesday, December 14, 1988

Prices were unchanged to lower. The undertone was mixed and dependant on the egg market and the amount of rescheduling that occurs. Current availability ranged adequate to fully adequate. Finished product cleared easily.

LIVE LIGHT TYPE HENS: AT FARM 7-10 MOSTLY 8-9 F.O.B. PLANT - MOSTLY.

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Heinsey's Poultry

Roots, East Petersburg
Tuesday, December 13, 1988

Muscovy Ducks, Drakes Range .80-.98.
Hens .56-.68.
Pekin Ducks .30-.42.
Pullets 5-7# .30-.48.
Red Fowl: 4-4.5# .20-.32; 5-6# .30-.54.
Crossbred Roosters: 4-6# .30-.72; 7-12# .38-.82.
Crossbred Fowl: 5-9# .30-.44.
Banty Roosters 2.00-5.00 ea.
Banty Hens .75-1.25 ea.
Guinea Pigs .50-3.25 ea.
Goats 30.00-48.00 ea.
Guinea Fowl .75-1.00.
Geese 9-15# .60-1.02.
Pigeons 1.50-1.85 ea.
White Pigeons 3.50-4.75 ea.
Rabbits: 4-6# 1.10-1.72; 7-11# .90-1.30.
Leghorn Hens .12-.22.
Bunnies .75-5.25 ea.
Doves 2.50-3.75 ea.
Chukars 4.00 ea.
Silkies 5.00-6.75 ea.
Total Coops Sold 642.

Delmarva Broiler & Fryer Market

Thursday, December 15, 1988

Movement of ready-to-cook whole birds continues good to very good. Supplies were adequate to short of needs. In the parts complex wings were tight and well cleared. The remaining items were generally adequate with legs and leg quarters showing some spot availability. Less than trucklot asking prices were unchanged to 1 cent higher at 57 to 69 cents. Live supplies were generally moderate. Weights ranged light to heavy, mostly desirable. Slaughter schedules were moderately heavy. The undertone was steady to fully steady.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000).

ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 12/15 12/13 12/13 12/8 12/6 1967 1932 4.65 1997 4.68.

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

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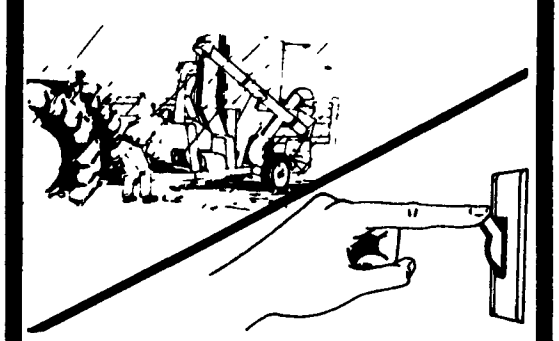

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Weekly New York Egg Market Northeast Quotes

From Fri., Dec. 9 to Thurs., Dec. 15

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.72	.73	.76	.77	.80
EX. LARGE	.69	.70	.73	.74	.77
LARGE	.66	.67	.71	.72	.75
MEDIUM	.57	.58	.62	.64	.68
PULLETS	.50	.51	.55	.56	.60
OFF GRADE	.54	.55	.59	.60	.63
BROWN					
EX. LARGE	1.00	1.00	1.03	1.04	1.07
LARGE	.93	.93	.96	.97	1.00
MEDIUM	.72	.72	.75	.76	.79
OFF GRADE					
UNDERGRADES AND CHECKS	.27	.28	.31	.32	.35

BREAKING STOCKS: FRI. 48-50 LBS. 35.00-37.00; 50 LBS. UP 37.00-38.00; MON. 48-50 LBS. 36.00-38.00, 50 LBS. UP 38.00-40.00; TUES. 48-50 LBS. 39.00-41.00, 50 LBS. UP 41.00-43.00; WED. 48-50 LBS. 40.00-42.00, 50 LBS. UP 42.00-44.00; THURS. 48-50 LBS. 43.00-45.00, 50 LBS. UP 45.00-46.00.

New York & Philadelphia Frozen Egg Report

Tuesday, December 13, 1988

The market tone was generally fully steady to firm as a reflection of higher costs on raw materials. Breakers were unaggressive as they looked at limited needs due to shortened holiday work schedules. Most end users had sufficient product to satisfy their needs. Floor stocks were for the most part in good balance with needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 44-46 MOSTLY 45 47-55 BLENDS (/) - MOSTLY - 51-60 WHITES 39-41 MOSTLY 40 42-48 YOLKS (MIN. 43% SOLIDS) SUGARED 58-61 MOSTLY 59-60 62-70 SALTED 53-56 MOSTLY 54 - (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 13, 1988
Report Supplied by Auction

HEAVY FOWL .20-.50.
LEGHORN FOWL .15.
MIXED FOWL .15.
ROASTERS .40-.70.
GEESE .20-.35.
BANTAMS .30-.75.
ROOSTERS .40-.90.
TURKEYS .30-.55.
BUNNIES (each) .25-1.85.
DUCKS .30-1.00.
RABBITS .60-1.85.
PIGEONS 1.50-2.60.
GUINEAS 1.10-1.20.

WHITE

JUMBO X LGE. .72-.80; LARGE .48-.70; MEDIUM .32-.55.

BROWN

JUMBO X LGE. .95-1.09; LARGE .80-.97.

NE Chicken Parts

Thursday, December 15, 1988

Buying interest slowed on most items; still active on wings. Cutlets were fully adequate for the light to fair call. Whole breasts were in close balance but generally adequate. Legs and leg quarters increased in availability and were fully adequate overall. A seasonally active call for wings easily cleared sup0lies at higher trending prices. Giblets were fully adequate to ample.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 190 RIBS ON 96-98 LINE RUN 95 LEGS 37-38 LEG QUARTERS 30-31 WINGS 67-69 BACKS & NECKS (10-12 LIVERS 15 GIZXARDS (HEARTS) 35-40

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

New England Shell Eggs

Wednesday, December 14, 1988

Prices were unchanged to higher on all cartoned sizes, unchanged on the balance. Trade sentiment was steady to firm. Movement at all levels was moderate to good. Supplies were short to adequate and premiums were generally required to acquire additional eggs.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN:

JUMBO .79-.82; EX LARGE .74-.77; LARGE .68-.71; MEDIUM .50-.53; SMALL .22-.25.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .89-.95; A LARGE .82-.89; A MEDIUM .66-.71.

Philadelphia Eggs

Thursday, Dec. 15, 1988
Report Supplied by USDA

MARKET COMMENT: PRICES WERE UNCHANGED TO HIGHER. TRADE SENTIMENT WAS FULLY STEADY TO FIRM. DEMAND FOR BOTH GRADED AND UNGRADED EGGS WAS MODERATE TO GOOD, SLIGHTLY LESS ACTIVE THAN EARLIER IN THE WEEK AS MANY BUYERS SECURE EGGS FOR CURRENT AND NEXT WEEK DELIVERY. SUPPLIES WERE BARELY ADEQUATE TO ADEQUATE. PRICES TO RETAILERS: SALES TO VOLUME BUYERS, CONSUMER GRADES WHITE EGGS IN CARTONS DELIVERED STORE DOOR:

EXTRA LARGE .62-73; A LARGE .60-.71; A MEDIUM .51-.63.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 14, 1988
Report supplied by auction

REPORTED RECEIPTS OF 203 COWS, 71 HEIFERS, AND 2 BULLS. MARKET STEADY.

LOAD OF WISC. FRESH COWS, 1135.00-1140.00.

LOAD OF NY FRESH COWS, 950.00-1160.00, SPRINGERS 830.00-960.00.

LOAD OF PA FRESH COWS, 910.00-1320.00.

LOAD OF NY FRESH COWS, 870.00-1010.00, SPRINGERS 885.00-910.00.

LOAD OF PERRY CO. FRESH COWS, 710.00-1275.00.

LOAD OF 21 HEAD COWS, 410.00-1050.00.

LOAD OF 57 HEAD COWS, 420.00-1040.00.

LOAD OF 91 HEAD, PUREBRED COWS, 650.00-2900.00; CALVES 175.00-300.00; OPEN HEIFERS 650.00-1275.00; SPRINGING HEIFERS 1125.00-1375.00.

LOCALLY CONSIGNED COWS: 410.00-960.00.

SPRINGING HEIFERS: 650.00-960.00
OPEN HEIFERS: 400.00-600.00.
BULLS: 700.00-750.00.

New York Eggs

Thursday, December 15, 1988

Prices were higher Trade sentiment was primarily firm. Cartoned egg demand was best where features were a factor, moderate to good elsewhere with some reports of slightly diminished orders as compared to early week. Supplies were occasionally short to adequate and most distributors carried increased floor stocks.

A EXTRA LARGE .73-.75; A LARGE .70-.73; A MEDIUM .63-.66.

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Pa. Grain

December 12, 1988
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN STEADY TO .05 HIGHER; WHEAT STEADY TO .08 HIGHER; BARLEY STEADY TO STRONG; OATS STEADY TO WEAK; SOYBEANS STEADY TO .10 HIGHERE; NEW EAR CORN MOSTLY STEADY.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.90-3.15, AVERAGE 3.04; @WHEAT NO. 2 RANGE 3.95-4.33, FEW REPORTED 3.40, AVERAGE 4.01, CONTRACT FOR HARVEST 3.53-3.77; BARLEY NO. 3 RANGE 2.40-2.60, AVERAGE 2.47, CONTRACT FOR HARVEST 1.90-2.00; OATS NO. 2 RANGE 2.30-2.65, AVERAGE 2.47; SOYBEANS NO. 1 RANGE 7.10-7.70, AVERAGE 7.35; *GR. SORGHUM #2 RANGE 2.60, AVERAGE 2.60; *OLD EAR CORN RANGE 83.00-110.00, AVERAGE 90.43; #NEW EAR CORN RANGE 68.00-100.00, AVERAGE 81.00.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.95-3.25, FEW REPORTED 3.40, AVERAGE 3.14; @WHEAT NO. 2 RANGE 3.40-4.05, AVERAGE 3.76; BARLEY NO. 3 RANGE 2.25-2.65, FEW REPORTED 2.85, AVERAGE 2.48; OATS NO. 2 RANGE 2.25-2.56, AVERAGE 2.36; *SOYBEANS NO. 1 RANGE 7.10-7.50, AVERAGE 7.30; *OLD EAR CORN RANGE 90.00-110.00, AVERAGE 96.67; #NEW EAR CORN RANGE 80.00-95.00, AVERAGE 86.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.95-3.20, AVERAGE 3.07; @WHEAT NO. 2-Y RANGE 3.40-4.33, AVERAGE 3.87; BARLEY NO. 3 RANGE 2.25-2.65, AVERAGE 2.45; OATS NO. 2 RANGE 2.15-2.60, AVERAGE 2.38; SOYBEANS NO. 1 RANGE 7.00-7.70, AVERAGE 7.27; #NEW EAR CORN RANGE 65.00-100.00, AVERAGE 79.74.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 3.00-3.15, AVERAGE 3.08; @WHEAT NO. 2 RANGE 3.40-4.10, AVERAGE 3.77; BARLEY NO. 3 RANGE 2.30-2.40, AVERAGE 2.36; OATS NO. 2 RANGE 2.00-2.50, AVERAGE 2.29; SOYBEANS NO. 2 RANGE 6.90-7.43, AVERAGE 7.12; *GR. SORGHUM #2 RANGE 2 65, AVERAGE 2.65; *+BUCKWHEAT RANGE 8.40, AVERAGE 8.40; *OLD EAR CORN RANGE 80.00-102.00, AVERAGE 92.17; #NEW EAR CORN RANGE 65.00-82.00, AVERAGE 72 38

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-3.20, AVERAGE 2.96; @WHEAT NO. 2 RANGE 3.60-3.95, AVERAGE 3.77; BARLEY NO. 3 RANGE 2.20-2.40, AVERAGE 2.30; OATS NO. 2 RANGE 2.25-2.60, FEW REPORTED 3.00, AVERAGE 2.51; *SOYBEANS NO. 1 RANGE 7.35, AVERAGE 7.35; *OLD EAR CORN 85.00, AVERAGE 85.00; *NEW EAR CORN RANGE 72.00*, AVERAGE 72.00*.

MONTH AGO

CORN NO. 2-Y 3.15; @WHEAT NO. 2-Y 3.81; BARLEY NO. 3 2.42; OATS NO. 2 2.39; SOYBEANS NO. 1 7.33; #NEW EAR CORN 76.65.

YEAR AGO

CORN NO. 2-Y 2.11; @WHEAT NO. 2-Y 2.95; BARLEY NO. 3 1.60; OATS NO. 2 1.89; SOYBEANS NO. 1 5.61; #NEW EAR CORN 54.84.

Regional Hay

December 12, 1988
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 & BETTER PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY AND STRAW STEADY.

ALFALFA 85.00-110.00; MIXED HAY 60.00-100.00; TIMOTHY 70.00-100.00; STRAW 50.00-75.00; MULCH 25.00-45.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/9/88. PRICES PER TON: LOADS: 277 HAY, 75 STRAW, AND 27 EAR CORN.

ALFALFA 80.00-136.00; MIXED HAY 65.00-135.00; TIMOTHY 82.00-125.00; STRAW 68.00-90.00; EAR CORN 88.00-134.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/9/88. PRICES PER TON: LOADS: 195 HAY, 37 STRAW & 14 EAR CORN.

ALFALFA 85.00-140.00; MIXED HAY 65.00-115.00; TIMOTHY 52.00-95.00; STRAW 56.00-85.00; EAR CORN 90.00-150.00.

New Holland Hay

New Holland, Pa.
Monday, Dec. 12, 1988
Report Supplied by Auction

TOTAL LOADS: 141.
ALFALFA: 75.00-126.00.
MIXED HAY: 53.00-130.00, 1 at 150.00.
TIMOTHY: 92.00-113.00.
STRAW: 57.00-103.00.
ORCHARD GRASS: 81.00.
CLOVER: 74.00.
MIXED GRASS: 92.00.
OATS: 2.90-3.10 BU.
EAR CORN: 90.00-115.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Dec. 9, 1988
Report Supplied by Auction

TOTAL LOADS: 118.
MIXED HAY: 72.00-134.00.
ALFALFA: 62.00-131.00.
TIMOTHY: 74.00-121.00.
ORCHARD GRASS: 100.00.
STUBBLE HAY: 44.00-55.00.
STRAW: 49.00-80.00.
CORN FODDER: 59.00.
CORN: 88.00-125.00.
OATS: 2.90-3.30 BU.
WOOD: 35.00-65.00 LOAD.

King's Hay

Kirkwood, Pa.
Tuesday, Dec. 13, 1988
Report Supplied by Auction

TOTAL LOADS: 35.
ALFALFA AND ALFALFA MIX: 82.00-132.00.
MIXED HAY: 100.00-107.00.
CLOVER MIX: 90.00.
TIMOTHY AND TIMOTHY MIX: 96.00-120.00.
STRAW: 10 LOADS, 64.00-79.00.
EAR CORN: 115.00.
WOOD: 40.00 LD.

Vintage Hay

Paradise, PA
Thurs., Dec. 15, 1988
Report Supplied by Auction

ALFALFA: 65.00-80.00.
TIMOTHY AND CLOVER: 67.50-92.50.
MIXED HAY: 70.00-95.00.
GRASS HAY: 67.50-85.00.
STRAW: 65.00.

Leinbach's Hay

Shippensburg, PA
Dec. 10 and 13. Report supplied by Auction

TOTAL LOADS: 68.
ALFALFA: 83.00-140.00.
MIXED HAY: 58.00-86.00.
TIMOTHY: 57.00-84.00.
CLOVER: 89.00.
TIMOTHY: 57.00-84.00.
MULCH HAY: 33.00.
ORCHARD GRASS: 54.00-92.50.
EAR CORN: 127.00.
OATS: 3.30-3.40 BU.
WOOD: 21.00-56.00 PICKUP LD.

HOSTETTER PORK

Wanted To Buy Crippled and Disabled Sows and Boars
Hogs Slaughtered For Federal Inspection
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At (717) 295-8914

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An American Express company

HERE TO STAY!
MAKE 1988 THE YEAR TO GET ACQUAINTED WITH NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

11:00 A.M.

DAIRY COWS

HEIFERS, BULLS

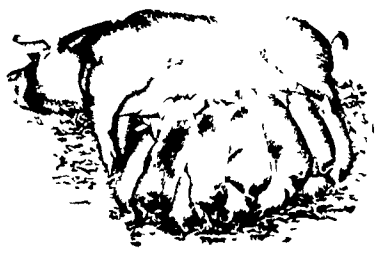
NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna.

The Auction Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

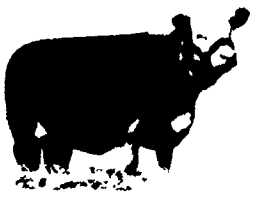


We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

10:00 AM

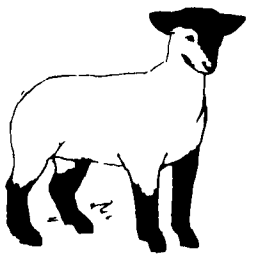
BULLS -



STEERS - BEEEF COWS

1:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Summary

St. Joseph, Mo.
Wednesday, December 14, 1988

CASH GRAIN AND SOYBEAN PRICES HIGHER. LIGHT COUNTRY SELLING AND MODERATELY ACTIVE EXPORT DEMAND SUPPORTING MARKET PRICES. SOYBEANS RECEIVED ADDED STRENGTH FROM SOYBEAN MEAL MARKETS.

EXPORT NEWS: COLOMBIA IS TENDERING FOR 22,000 TONNES OF U.S. HARD RED WINTER WHEAT FOR JANUARY SHIPMENT. TAIWAN IS TENDERING FOR 88,000 TONNES OF U.S. NO. 2 YELLOW CORN OR FOR CORN AND SORGHUM COMBINED FOR JANUARY SHIPMENT. VENEZUELA BOUGHT 15,000 TONNES OF U.S. SOYBEANS FOR JANUARY DELIVERY. TAIWAN IS TENDERING FOR 20,000 TONNES OF U.S. NO. 2 YELLOW SOYBEANS FOR JANUARY SHIPMENT.

DATE CHANGE YEAR AGO 12/14/88 12/13/88 12/16/87 WHEAT: KANSAS CITY 4.14-4.15 NC 3.07-3.11 MINNEAPOLIS 4.21 UP 1 3.10 1/2 PORTLAND 4.77-4.80 DN 1-NC 3.03-3.04 ST. LOUIS 4 24-4.26 DN 1-NC 3.13-3.16.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.68-2.70 UP 2 1. 81-1.86 MINNEAPOLIS 2.54 3/4 UP 2 1/4 1.63 1/4 SO. IOWA 2.57-2.64 UP 2-4 1 77-1.84 OMAHA 2.55-2.57 UP 2 1.72-1.74.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 7.68-7.73 UP 13 5.61-5.70 MINNEAPOLIS 7.58 1/4 UP 12 3/4 5.49 SO. IOWA 7.60-7.65 UP 9-10 5.66-5.72 C. ILL. PROCESSORS 7.77 1/2-7.85 1/2 UP 12-13 5.75-5.81.

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 4.20 UP 1/4 3.04 1/4.

MINNEAPOLIS (MAR) WHEAT 4.04 UP 1 2.88 1/2.

CHICAGO (MAR) WHEAT 4.27 1/4 DN 1/2 3.11.

(MAR) CORN 2.77 3/4 UP 2 1/4 1.86 1/4.

(JAN) SOYBEANS 7.78 1/4 UP 12 3/4 5.81.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.48-4.52 NC 3.42 1/4 NO. 2 SOFT RED WINTER WHEAT 4.57-4.58 UP 2-NC 3.35-3.44 NO.2 YELLOW CORN 3.01-3.03 UP 5-3 2.07-2.08 NO.2 YELLOW SORGHUM RAIL 5.00 UP 4 BARGE 5.07 UP 2 3.45-3.46 NO.2 YELLOW SOYBEANS 8.05-8.09 UP 12-13 5.95-6.00.

Westminster Hay

Westminster, Md.
Tuesday, Dec. 13, 1988
Report Supplied by Auction

TOTAL LOADS: 33.
ALFALFA: 70.00-107.00, 1.80-2.30 BALE.
CLOVER HAY: 61.00.
TIMOTHY: 104.00-126.00.
STRAW: 65.00-78.00.
WOOD: 44.00-72.00 CORD.

Frederick Co. Hay

Buckeystown, Md.
Thursday, Dec. 15, 1988
Report Supplied by Auction

TOTAL LOADS: 55. MARKET ABOUT STEADY COMPARED TO LAST WEEK.

ALFALFA: 2 FANCY, 130.00-132.00, 7 FAIR TO GOOD, 85.00-125.00, 2 DAMAGED, 56.00-75.00.

ALFALFA MIX: 3 FAIR TO GOOD, 80.00-106.00.

TIMOTHY: 12 FAIR TO GOOD, 87.00-102.00, 7 FAIR, SOME DARK 64.00-82.00.

MIXED HAY: 3 FAIR, 65.00-75.00.

STRAW: 6 BRIGHT, 74.00-87.00, 3 FAIR, 59.00-69.00.

FIREWOOD: 6 GOOD SPLIT OAK, 77.00-88.00.

Belleville Hay

Wednesday, Dec. 14
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 29 LDS. HAY.
ALFALFA: 117.50-135.00.
MIXED HAY: 67.50-107.50.
STRAW: 70.00-85.00.
EAR CORN: 110.00-117.50.

Dewart Hay

Dewart, PA.
Monday, December 12, 1988
Report Supplied by Auction

TOTAL LOADS: 7 LDS. HAY, 80.00-97.00.
STRAW: 74.00 AND 78.00.
WOOD: 4 LOADS 33.00-40.00.

North Jersey Market

Hackettstown, N.J.
Tues., Dec. 13, 1988
Hay—Straw & Grain Report

MIXED HAY: 1.85.
GRASS HAY: 1.20-1.70; 1.10.

Martin's Hay

Coatesville, PA
Wed., Dec. 14

TOTAL LOADS: 7.
ALFALFA: 135.00-170.00.
STRAW: 115.00.
TIMOTHY MULCH· 76.00-79.00.
TIMOTHY: 125.00.
MIXED HAY: 145.00.

Keister's Hay

Middleburg, PA
Tuesday, Dec. 13
Report supplied by auction

25 LDS. HAY.
ALFALFA: 92.50-125.00.
MIXED HAY: 62.50-115.00.
STRAW: 10 LOADS, 65.00-80.00
EAR CORN: (OLD) 140.00; (NEW) 107.50.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Dec. 13, 1988
Report supplied by auction

SLAUGHTER COWS: HIGH YIELD 48.00-50.00; UTILITY 44.00-48.00; CANNERS 40.00-45.00; SHELLY 40.00 DOWN.

BULLS: YG #1 55.00-59.00, YG#2 49.00-55.00.

FED STEERS: CHOICE 69.00-72.75; SELECT 62.00-69.00; STANDARD 52.00-62.00.

FED HEIFERS: CHOICE 65.00-67.50; SELECT 57.00-63.00.

VEAL CALVES 170-250 LBS. CHOICE 89.00-100.00; GOOD 78.00-88 00; STANDARD 60.00-75.00.; KILLERS 80-120 LBS 67.00-72.00, 50-80 LBS. 60.00-67.00.

FARM CALVES: HOLSTEIN BULLS 90-120 LBS 115 00-140.00; SMALL FRAME 75.00-100.00.

HOLSTEIN HEIFERS 75.00-88.00, BEEF X CALVES TO 75.00.

BUTCHER HOGS: US#1 AND 3 220-250 LBS. 40.00-41.00.

SOWS: 300-700 LBS. 26.50-28.00.

BOARS: 24.00-25.00.

STOCK CATTLE: STEERS 300-500 LBS. 75.00-81.00, 500-700 LBS. 67.00-78.00, 700-975 LBS. 63.00-71.00; HOLSTEINS 54.00-61.50.

HEIFERS 300-500 LBS. 62.00-72.00, 500-700 LBS. 56 00-65.00, 700-900 LBS. 47.00-58 00.

BULLS 300-500 LBS. 71 00-78.00, 500-700 LBS. 58.00-69.00, 800 LBS. 47.00-52.00.

LAMBS: CHOICE WOOLED 100-110 LBS. 58.00-59.00, 140-190 LBS. 33.00-38.00, 70-75 LBS. 65.00-77.00, MEDIUM AND GOOD 50.00-70 00 LBS. 59.00-67.00; YEARLINGS 43.00-44.00.

SHEEP: 19.00-28.00.

GOATS: LARGE 56.00-75.00; MEDIUM 38.00-55.00.

PIGS BY THE HEAD: 20-30 LBS. 9 00-19.00, 40-50 LBS. TO 21.00.

SHOATS: 125-200 LBS. 36 50-39.50

Take Your Seat, The Performance Is About To Begin.

You'll applaud the performance of Funk's G-Hybrids like G-4543, G-4626 and G-4446 when the curtain falls at harvest time.

A top choice for shelled grain or ear corn in 110 to 120-day maturity areas, G-4543 produces maximum yields even at lower populations. In Delaware hybrid field corn trials, it topped the field with 148.4 bu./A.

G-4626 has it all in a 115 to 120-day maturity hybrid—fast dry-down, outstanding stay-green, superior standability, excellent plant health and exceptional yields. In Delaware trials, G-4626 produced yields up to 200.9 bu./A.

G-4446 delivers superior late season standability, excellent grain quality and high test weights. A multi-purpose, widely adapted hybrid, G-4446 produced a state record 252.4 bu /A. in the 1986 Pa. Five-Acre Corn Club competition.

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MARTIN'S HAY & STRAW SALE
Public Auction Every Wednesday,
12 Noon Sharp
Location: John Primus & Son,
Buck Run Road, Coatesville, PA

Coordinators:
Harvey Z. Martin 215-445-5303
John Martin Primus 215-383-6686
Leon Kurtz, Auctioneer
Mulch Contracts Also Available

ATTENTION FARMERS
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- We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately
- We will also accept your sows & boars.
- Your cattle will be received from 12 30 to 5 P.M We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

THE OLD FARMER'S ALMANAC

DEC. 19-25, 1988

Still frightful: Christmas is whiteful!

Missouri imposes $1 a year bachelor's tax Dec 20 1820 Solstice begins at 10 28 A M EST, Dec 21 Halcyon Days kingfisher lays eggs and nests afloat at sea — hence calm seas Full moon on Dec 23 (Fri) called Full Cold Moon Average length of days for the week 9 hours 5 minutes Louisiana and Arkansas are the first to observe Christmas as a legal holiday, 1831 *If it snows Christmas night crops will do well*

Ask the Old Farmer: I recently came across the expression, Beware the pogonip Can you tell me its origin? A N , Concord, N H

Pogonip is frozen fog The word is of American Indian origin and is used especially to describe the fine ice needles of frozen fog that occur in the mountain valleys of western United States The Indians believed that breathing the fog could injure the lungs

Home Hints A few drops of oil of cinnamon in your vacuum cleaner bag makes the air smell festive and clean

OLD FARMER'S WEATHER FORECAST

New England: Very cold with snow snow and more cold Bundle up for a Christmas Eve snowstorm

Greater New York-New Jersey: Partly sunny but very cold a snowstorm before Christmas, then clearing

Middle Atlantic Coastal: Flurries and frigid Clear and cold Snow then clearing late in the week

Piedmont & Southeast Coastal: Snowstorm, brief clearing and more snow with sun to follow for Christmas

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Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, December 12, 1988
Report Supplied by PDA

CATTLE 216... REPORT IS SUPPLIED BY THE AUCTION ...Choice slaughter steers 67.00-69.00. Choice sl. heifers 64.00-67.00. Breaking Utility & Commercial sl. cows 46.00-50.00, Cutter & Bon. Utility 43.50-47.25. Yield Grade No. 1, 1200/2000 lbs. sl. bulls 55.00-60.00. Feeder Cattle: Medium & Large Frame No. 1, 300/450 lbs. steers 74.00-109.00.

CALVES 200...Choice vealers 95.00-100.00. Farm Calves: Holstein bulls 90/125 lbs. 100.00-145.00.

HOGS 134...US No. 1-3 225/270 lbs. barrows and gilts 40.00-41.00, 2-3 220/270 lbs. 37.00-39.00.

Greetings

A Merry Christmas and Prosperous New Year

FROM ALL OF US TO ALL OF YOU —

Clay Aument
Harry I. Bear
Henry R. Brown
Bonnie Chamberlain
James C. Dunlap
Walter M. Dunlap, Jr.
Eugene Ellis
Donald Godfrey
Enos K. Good
Glenn C. Hart
Ken Hershey
Frank Hoover
Leon G. Hoover
Lois L. Hoover
Roy Hoover
James Hunsicker
Walter Kellenberger
Mary Kimball
James Kneisly
Sam Lapp
Ivan H. Nolt
Leon "Bird Dog" Nolt
James Nixdorf
Donald E. Ober
Reba M. Ober
Ed Prosser
Joe Rieff
Titus "Onk" Reiff
Connie Santarelli
Joyce Smoker
Kenneth L. Smoker
Omar Smoker
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SELL IT WITH A LANCASTER FARMING CLASSIFIED

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road at Rouse Tobacco Station.
Lloyd H. Kreider
Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

FRIDAY, JAN. 13 - 1:00 PM
ON THE FARM MONTHLY

BRED GILT SALE

Sale To Start Promptly Every 4 Weeks

Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
50 to 60 Head

We will no longer have White Diamonds, it will be the next generation or F2's crossbred to Chester White. Very nice gilts.

Vaccinated for Lepto, Erysiplas, Rhinitis, E'Coli, Pasteueralla

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No Hogs Sold On Commission

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NEXT SALE
MONDAY, JAN. 2 - 9:30 A.M.

FARMERS -
THANK YOU FOR EXCELLENT SUPPORT!!

If We Had A Little Support From Each Farmer In The Area, It Would Equal A LOT. However, If Each Farmer Says My Crop Won't Make Or Break The Auction We Won't Get ANY.

THANK YOU BUYERS FOR YOUR SUPPORT

and the start of a good season! Just please tell these farmers the truth about what we are doing - our community does appreciate the truth.

We would like to receive as much tobacco as possible on the floor before Christmas. We are expecting some important visitors over the holidays. WE CAN'T IMPRESS UPON YOU HOW MUCH WE NEED A FULL HOUSE. With only a half full warehouse on Monday, we were able to get you a price increase of 10¢ per lb. - MY WHAT WE COULD DO WITH A FULL WAREHOUSE! If we show enough volume it could break wide open after the new year.

JUST DON'T CONTRACT YOUR TOBACCO! You never worry about decreasing demand in a year like this. Farmers contracting at $1.25 per lb. almost ruined a chance for a price increase. Contracts at any price will spoil the chance for more price increase. STAND ON YOUR TWO FEET! There is unbelievable demand.

On last Monday's sale ALL the buyers were offering $1.33 per lb. for all good tobacco and on Wednesday prices moved to $1.35 and $1.40 per lb. for good tobacco. Bottom grades were also strong. Several outgrade brought $1.00 per lb. All this tobacco is already shipped. We look toward the new year with incredible excitment. Who said we can't match Burley prices of $1.63 per lb. this year? But don't contract. These buyers then would have the upper hand.

If you take tobacco to a receiving station, load your low grade tobacco on so it's the first tobacco off. Isn't it nice to know you have a place to go if they reject your tobacco? We will receive your tobacco with a smile because remember, WE ARE WORKING FOR YOU!!! Did these buyers work for you in the tough years and will they work for you in the future? Who will cause a price increase like we did for you last week?

All in all, it's good to see 609 growers smiling again this year.

We will be receiving tobacco each and every day from Dec. 19 to Dec. 23 and Dec. 27 to Dec. 30 for a gigantic sale to be held on Jan. 2 at 9:30 a.m.

We are now dealers of 3 compartment bale boxes, tobacco seed, and cotton baling twine.

PARADISE TOBACCO SALES

VIRGINIA MARKETS

Virginia Weekly

Richmond, Va.

Wednesday, December 14, 1988

MARKETS IN REVIEW: DEC. 8-14,1988. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE MOSTLY STEADY TO $2.00 LOWER AS MIDWEST MARKETS WERE $1.75-2.00 HIGHER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE 75 CENT HIGHER AS MIDWEST PRICES WERE 75 CENT TO $1.50 LOWER.

COWS AND BULLS IN VIRGINIA WERE STEADY TO $2.00 HIGHER WHILE MIDWEST PRICES WERE 50 CENT TO $2.00 LOWER. BEEF PRODUCTION WAS 5 PERCENT BELOW A WEEK AGO AND 5% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 10 POUNDS HEAVIER THAN LAST YEAR.

VEAL AND CALF PRICES IN VIRGINIA WERE STEADY AS MIDWEST PRICES WERE STEADY TO $3.00 LOWER. VEAL AND CALF SLAUGHTER WAS 2 PERCENT ABOVE A WEEK AGO BUT 13 PERCENT BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 17 POUNDS HEAVIER THAN LAST YEAR.

LAMB PRICES IN VIRGINIA WERE STEADY TO $1.00 HIGHER AS MIDWEST PRICES WERE STEADY TO $1.00 LOWER. LAMB SLAUGHTER WAS 4% ABOVE A WEEK AGO AND 4% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 4 POUNDS HEAVIER THAN LAST YEAR.

SLAUGHTER HOGS IN VIRGINIA WERE $2.50-3.00 HIGHER AS MIDWEST PRICES WERE 50 CENT TO $2.00 HIGHER. FRESH PORK PRICES WERE $1.50-6.00 HIGHER EXCEPT HAMS WHICH WAS MIXED, $3.00 HIGHER TO $3.50 LOWER. PORK PRODUCTION WAS 3% BELOW A WEEK AGO AND LESS THAN 1% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND HEAVIER THAN LAST YEAR.

THE SOUTHEAST VIRGINIA HOG MARKET CLOSED $3.00-3.50 HIGHER THAN LAST WEDNESDAY WITH BARROWS AND GILTS, US 1-4 200-240 LBS $39.00-40.50 PER CWT.

AT HARRISONBURG, TAPPAHANNOCK & LYNCHBURG HOG PRICES WERE STEADY TO $2.25 HIGHER THAN LAST WEDNESDAY AT $35.00-41.25. SOWS RANGED $25.00-26.00 AND BOARS $18.00-19.00 PER CWT.

SLAUGHTER STEERS AND HEIFERS 5% SLAUGHTER COWS 16%, SLAUGHTER BULLS 1%, SLAUGHTER CALVES AND VEALERS 1%, FEEDER CATTLE UNDER 600 LBS 60%, OVER 600 LBS 17%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS: SLAUGHTER CATTLE STEERS; CHOICE 2-3 1000-1150 LBS 67.00-70.25 CHOICE 2-3 1150-1300 LBS 66.50-69.40 CHOICE 2-3 1300 LBS & OVER 65.75-68.50 HEIFERS; CHOICE 2-3 950-1100 LBS 61.25-67.25 CHOICE 2-3 1100 LBS & OVER 64.00-66.75 UTILITY & COMMERCIAL COWS 40.00-49.50 BULLS; 1-2 900-1300 LBS 47.00-54.50 1-2 1300-1600 LBS 50.75-61.50 1-2 1600 LBS & OVER 47.00-58.50 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 80.00-97.00 FEW 71.00 GOOD AND CHOICE 100-250 LBS 78.00-86.50 CALVES - GOOD AND CHOICE 250-500 LBS 68.00-81.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS 65.50-67.25; BUCK 60.00 HIGH CHOICE & PRIME 95-125 LBS SHORN NO. 1&2 PELTS 67.35 SLAUGHTER HOGS US 2-4 200-250 LBS 37.50-40.50** **FEW LOTS RETURNED FOR HOME SOWS US 1-3 300-500 LBS 24.50-33.00** SLAUGHTER** 500 LBS & OVER 25.00-31.00.

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS; MEDIUM 1 200-300 LBS 97.00 300-400 LBS 71.50-83.00 300-400 82.00-95.00 400-500 69.00-78.00 400-500 80.00-95.00 500-600 65.00-79.00 500-600 75.00-89.00 600-700 65.00-79.00 600-700 71.00-84.00 700-800 63.25-73.00 700-800 65.00-78.00 800-900 60.00-68.00 800-900 71.00-80.00.

Northern Virginia Area Livestock Summary

Orange, Va.

Wednesday, December 14, 1988

SLAUGHTER HOGS 15 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 3-4 250-300 LBS 32.00 SOWS US 1-3 300-500 LBS 21.00-26.00 500 LBS & OVER 23.00-26.00 BOARS 21.75.

SLAUGHTER CATTLE 113 HEAD - STEADY.

SLAUGHTER COWS 10 HEAD CUTTER & BNG. UT. 1-3 41.00-47.00 2 AT 50.00-51.00 BRKG.UT. & COMM. 2-4 42.00-49.00 CANNER & LOW CUTTER 1-2 34.00-43.00.

SLAUGHTER BULLS 3 HEAD; 1-2 900-1300 LBS 50.00 1-2 1300-1600 LBS 46.00-56.00 1-2 1600 LBS & OVER.

SLAUGHTER CALVES AND VEALERS -- HEAD CALVES - GOOD AND CHOICE 250-500 LBS.

LAMBS -- HEAD - NO TRENDS REPORTED. CHOICE 85-125 LBS --- FEEDER LAMBS CHOICE AND FANCY 70-85 LBS.

FEEDER CATTLE 145 HEAD - STEADY STEERS; MEDIUM 1 400-500 82.00-86.00 500-600 78.00-84.00 600-700 82.00 HOLSTEIN STEERS; MED.&LARGE 1-2 700-900 LBS 57.00.

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 300-400 72.00-75.00 -- -- 400-500 70.00-74.00 -- -- FEEDER BULLS; MED. 1 LARGE 1 300-500 LBS 78.00 -- 500-700 LBS 69.00 76.00 BABY CALVES RETURNED TO FARMS 40 HEAD NEWBORN TO 4 WK OLD 40.00-110.00 PER HEAD. OVER 100 LBS 55.00-122.00 PER CWT.

Southeast And Central Virginia Area Livestock Summary

(Blackstone) And Smithfield, Va.

Wednesday, December 14, 1988

ALL TRENDS COMPARED TO LAST WEDNESDAY SOUTHSIDE CATTLE SOLD ON OUT WEIGHTS.

SLAUGHTER HOGS 165 HEAD - SLAUGHTER SOWS $.50-75 CENTS HIGHER BOARS 1.00-1.50 HIGHER SOWS US 1-3 300-500 LBS 26.30-28.00 500 LBS & OVER 28.00-28.30 BOARS 24.50-26.00.

SLAUGHTER CATTLE 110 HEAD - SLAUGHTER COWS 1.00-2.00 HIGHER SLAUGHTER BULLS STEADY.

SLAUGHTER STEERS & HEIFERS TOTAL RECEIPTS 17 HEAD STEERS: SELECT 2-3 900-1100 LBS 61.50-63.50 HEIFERS: CHOICE 2-3 1000-1150 LBS 61.00-62.50.

SLAUGHTER COWS 75 HEAD CUTTER & BNG.UT. 1-3 43.00-47.25 BRKG.UT. & COMM. 2-4 43.00-49.00 CANNER & LOW CUTTER 1-2 36.00-41.00.

SLAUGHTER BULLS 11 HEAD; 1-2 900-1300 LBS 40.00-44.50 1-2 1300-1600 LBS 52.00-56.00 1-2 1600 LBS & OVER 51.00-55.00.

SLAUGHTER CALVES & VEALERS TOTAL RECEIPTS 7 VEALERS: H CHOICE & PRIME 100-250 LBS 93.50-95.00 GOOD & CHOICE 100-250 LBS 73.00-84.50.

FEEDER CATTLE 246 HEAD - FEEDER STEERS STEADY. FEEDER HEIFERS 2.00-3.00 HIGHER FEEDER BULLS 1.00-2.00 HIGHER STEERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 105.00 -- -- 300-400 -- 77.50-84.50 -- 400-500 80.50 75.00-79.00 -- 500-600 78.00-85.00 -- 68.50-74.50 800-900 63.50-70.50.

HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 --- 70.00-72.00 69.50-70.00 400-500 75.00-77.00 66.00-70.50 70.00-72.00 500-600 69.50-75.00 70.25 69.00-73.00 600-700 71.00-72.00 --- 59.50-64.00 700-800 66.00 --- -- 800-900 64.25 --- -- FEEDER BULLS; MED. 1 SMALL 1 MED&LARGE 2 200-300 LBS 92.00-105.00 -- 91.00-97.00 300-500 LBS 78.00-90.00 65.00-82.00 74.00-88.00 500-700 LBS 64.00-81.00 69.00-78

STOCK COWS & COWS WITH CALVES TOTAL RECEIPTS 45 COWS RETURNED TO FARMS TOTAL RECIPTS 36 HEAD COWS W/C AT SIDE TOTAL RECEIPTS 9 PAIR COWS W/C 95-107 LBS 515.00-800.00 PER PAIR BABY CALVES RETURNED TO FARMS 44 HEAD NEWBORN TO 4 WK OLD 14.00-84.00 PER HEAD. OVER 100 LBS 115.00-123.00 PER CWT.

St. Louis Cattle, Hogs

Thursday, December 15, 1988

OPENING MID-SESSION WEEKLY CLOSE. CATTLE AND CALVES: 750 (50 SLTR, 700 FDRS).

RECEIPTS CONSISTS OF FEEDER CATTLE AND COWS FOR THURSDAY'S AUCTION.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 NO TEST.

BONING 1-2 NO TEST

CANNER & CUTTER 1-2 NO TEST.

SHELLY CANNER 1-2 NO TEST.

RECEIPTS THIS WEEK 1,800: WEEK AGO 2,500: YEAR AGO 2,300.

AS COMPARED TO THE PREVIOUS WEEK'S CLOSE, SLAUGHTER STEERS AND HEIFERS.

UNEVEN, MSOTLY 1.00 LOWER. COWS UNEVENLY 3.00-5.00 HIGHER. BULLS FIRM.

1.00 HIGHER. SLAUGHTER SUPPLY MAINLY MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

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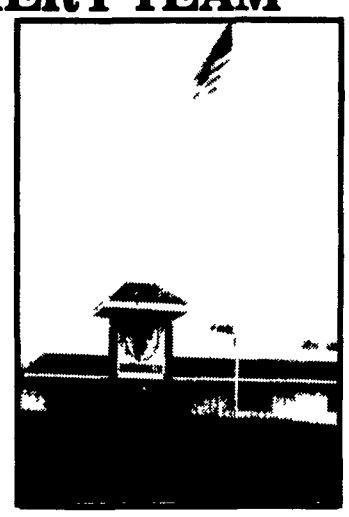

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P # 3378 = 144.7 Bus. Per A.

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	1987 Ohio - All Reps.
N.C. Shores	S3134 - 58.5 Bu/A - Group III
N.C. Waves	Pella - 53.7 Bu/A - Group III
	S3136 - 70.2 Bu/A - Group III
Pella	A3127 - 60.6 Bu/A - Group III
Williams	Williams 82 - 61.2 Bu/A - Group III

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84 VWAP 78 AP
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OATS
Noble, Ogle, Porter

BALER TWINE

FERTILIZERS

WHOLESALE & RETAIL

Lancaster Farming

OPINION

Lottery Drawing

(Continued from Page A1)

But the official in Harrisburg said "We did it to attract a crowd to the Monday night program." When the official was asked if he thought a lot of farmers would be against gambling at the family oriented Farm Show, he said, "I hadn't even thought of it. It never came up. The general public has accepted the lottery as a means of supporting the elderly. I would think the general farm community would feel the same way about it."

The text, that is reported to be in the official Farm Show program, says that this is the first time the Pennsylvania Lottery has ever taken the drawing show out of the television studio. In addition, the text says "The Pennsylvania State Lottery takes great pride in its operation, whether it is selling tickets or conducting the drawing shows. The security, integrity and credibility of all lottery operations is of utmost importance. The extensive security controls and measures you will witness during the drawing preparations and broadcast exist to maintain that integrity and credibility.

"The Pennsylvania Lottery was established by legislative action in 1971 with proceeds targeted toward property tax relief for the elderly. Benefits funded by the Pennsylvania Lottery have expanded to include rent rebates, inflation dividends, free and reduced-fare transit for senior citizens, reduced vehicle registration fees, a co-pay prescription program and Area Agencies on Aging services. The Pennsylvania Lottery is the only state lottery which exclusively targets its proceeds to benefit older citizens."

But the letter writer disagrees. "...don't use the cover-up for greed that you are buying a lottery ticket to help out senior citizens," the letter says. "...Whose interest really is at heart...? I go into a convenience store in Middletown, and there are ragged, unattended elderly people spending what little money they do have on lottery tickets. Supposing someone does win a $5 million lottery; they are only entitled to $30,000-$40,000 per year. Who benefits from the other $4,070,000 until you draw out your limit during the next 10 or 20 years? What if you die before your 20 years of installments come through? Where does that money go? Who decides what bank/investments that will be placed in to earn more money? I believe most farmers would be content to live off just one month's interest on the money of those who died before they received the full amount.

"Anyway, I don't believe the lottery should be part of the Farm Show. Does anyone else feel the same way. If so, call the Lottery Commission," the letter concludes.

Or you could write a letter to the editor of *Lancaster Farming*.

FARM FORUM OUR READERS WRITE

To Whom It May Concern,

I would like to send my thanks and appreciation to those who sent the really lovely apron, "Pork, the other white one," to me. I had sent a recipe and was overjoyed to receive it. It is such a great style & top-grade quality! Please convey my thanks to the proper people!

Have a blessed Christmas!

Frances Krammes
312 Amwell Rd.
Neshanic Station, N.J. 08853

Farm Calendar

Monday, December 19

Wayne County Farmers Association Board Meeting, Extension Office, Honesdale, 8:00 p.m.

Tuesday, December 20

Monroe Co. Ag Security Meeting, Polk Township Fire Hall, 7:00 p.m.

Tuesday, December 27

Lebanon County 4-H Livestock Winter Roundup Beef & Sheep Show, Lebanon Fairgrounds, 7:00 p.m.

Wednesday, December 28

Lebanon County 4-H Swine Show, Lebanon Fairgrounds, 8:30 a.m.

Lebanon County 4-H Livestock Sale, Lebanon Fairgrounds, 6:00 p.m.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Consider Manure Nutrients

Did you know that on the average, more nutrients are brought onto the farm in feed for the animals than fertilizer purchases? Well, that may be a surprising fact but research has shown this to be true in southeast Pennsylvania. This serves to make a point for considering the importance of manure management. In the past, management of manure nutrients has "taken the back seat" to other management problems. The research done in this area in the past several years has had the same conclusion: taking a closer look at the benefits you are receiving from manure applications is a profitable idea! It is time to turn the manure problem into an opportunity.

To Review Partnership Agreements

There are a number of advantages to establishing farm partnerships, but an annual review of the agreement and its value in relation to current needs is essential.

I would like to offer a few suggestions for those who have entered into farm partnership agreements.

Once a farm partnership is drawn up, the agreement should be reviewed at least once a year. This should be done for two reasons. First, to see how well each of the partners is meeting his obligations -- and secondly, to carefully evaluate the agreement to see if it is doing its intended job.

Then too, farming is rapidly changing business. So, don't be surprised if the agreement you set up just a couple years ago isn't entirely adequate to meet today's needs.

So review that agreement carefully. If it doesn't quite measure up to current needs, plan to make necessary changes before 1989 rolls around.

To Prepare For Slippery Conditions

Slippery roads, walks and steps will be a common hazard through the next few months. Many people use salt too freely in cutting the ice; it may get the job done but also may injure nearby turf or shrubbery. I'd suggest the use of sand or sawdust. These materials will make the surface safe without possible injury to vegetation. In areas without any vegetation, salt will give good results. Along our main highways there is some evidence that the constant use of salt is inflicting injury to nearby trees and shrubs. Don't let this happen to your favorite tree, shrub or the turf lining your walk.

To Protect Trees and Shrubs

Your trees and shrubs will be able to withstand the winter conditions in better shape -- with a little help from you. Some winter protection might help save your valued trees and shrubs.

Thin-barked trees can be damaged by sunscald in the winter. That's why it's a good idea to wrap the trunks of such trees as sugar maple, tulip tree, American linden, flowering dogwood and plum. You can wrap them now but be sure to take the wrapping off late next spring. You can use commercial tree wrapping, starting at the ground level and working up the tree, overlapping about every half-inch. Tie the wrap with twine or use a waterproof tape several places along the stem.

Smaller ornamentals should be mulched; this will not keep the soil from freezing but it helps keep the soil frozen to prevent root injury caused by alternate freezing and thawing of the soil. The mulch should be loose, but it should stay where you put it. Shredded bark does a good job.

Penn State Cooperative Extension is an affirmative action, equal opportunity educational institution.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

GOOD NEWS!

December 18, 1988

Background Scripture:
Luke 2:1-20.

Devotional Reading:
Isaiah 9:2-7.

Christmas has become so many things to so many people—increased sales, time off from work, parties, too much to eat and drink—that it is easy for us to quite forget that essentially Christmas is good news.

No matter how old the story may be, nor how many times we've heard and read it, Christmas is always news and always good, even if what we make of it is not "good" and treat it like something "old." Someone has said that "A classic is news that stays news." That makes Christmas the ultra-classic. No amount of holiday hassle can diminish the meaning of Christmas, no matter how cheap, trite, commercial and vulgar it may be presented in our society.

SAME OLD DRAMA

The Christmas answer to the world and its woes is just as fresh and untainted as it was two thousand years ago when the angel proclaimed: "I bring you good news of a great joy which will come to all the people" (Luke 2:10b). The world is no less in need of saving than it was on that starry night. The cast and the plot may seem quite different, but it is essentially still the same old drama that is playing on the world's stage.

There is still poverty, hunger, pestilence, war, prejudice, injustice, oppression and tyranny. Mary and Joseph were poor and humble people, and today the plight of people like this is no better than it was then. There are still common people like the shepherds of Bethlehem who seem to be "out in left field" when the pie is divided. Although I'm sure there was nothing romantic about the Bethlehem stable, it is likely that some of the places where babies are born today would make that stable seem like a palace.

GOD'S V.I.P.S

Yet, old as the problems are, that fresh is the solution that comes to us in the Incarnation. The values and perspective of Christmas today are as much in conflict with society as when Jesus was born. The home into which the Messiah was born was a simple, humble family, the very antithesis of power, pomp and prestige. The announcement of Christ's birth was not made to the high and mighty, but to lowly shepherds. Of those who found their way to the manger in Bethlehem, there wasn't a Roman commander, a high priest from the Temple, a wealthy noble, or a government official. That doesn't mean that God didn't reveal it to somebody important, but that the "important people" of God are not the same as the "important people" of this world.

Another part of the good news is that this "great joy will come to *all* the people." Please note that it is for the "bad guys" as well as the "good guys," for the Gentiles as well as the Jews, for the downtrodden as well as the up-and-coming, for the poor as well as the rich, for both liberals and conservatives, for all colors, all races, all sexes. There may have been for Mary and Joseph "no place in the inn," but the good news of their son Jesus was for the whole world.

So, if Christmas is good news, why are we not telling it? That's what it is all about—not buying, selling or even giving gifts, but sharing the good news. The shepherds, poor and illiterate as they were, understood that: "they made known the saying which had been told them concerning this child...And the shepherds returned, glorifying and praising God for all they had heard and seen, as it had been told them" (2:17, 20).

Why not put that at the top of your Christmas list!

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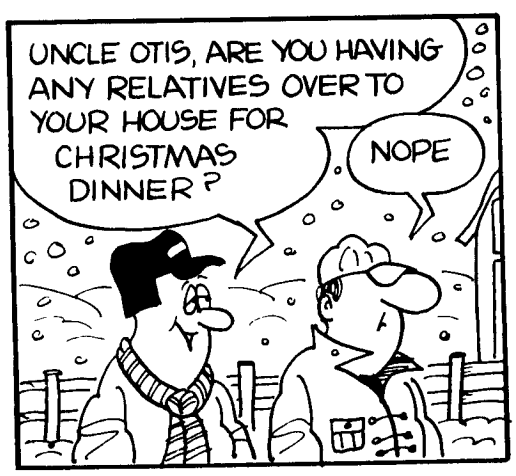
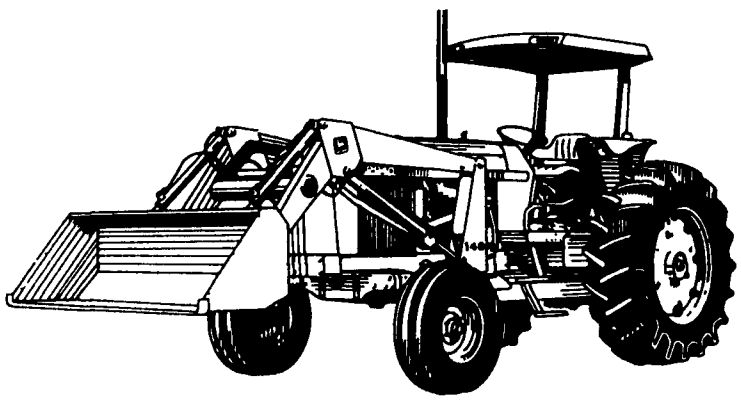


POPULAR COMBINATION



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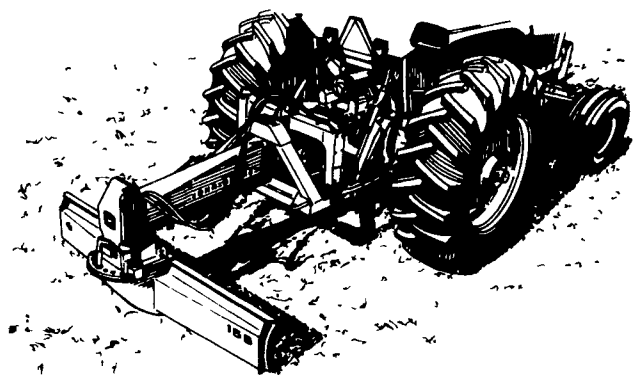

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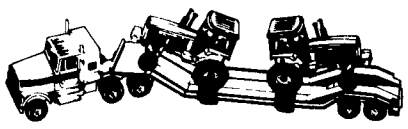
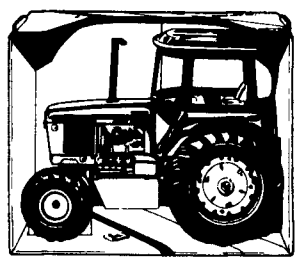
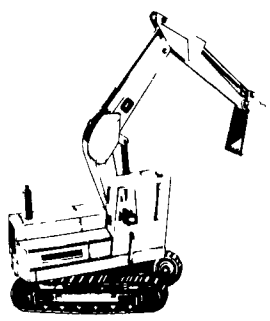


5530EO Equipment Hauling Set

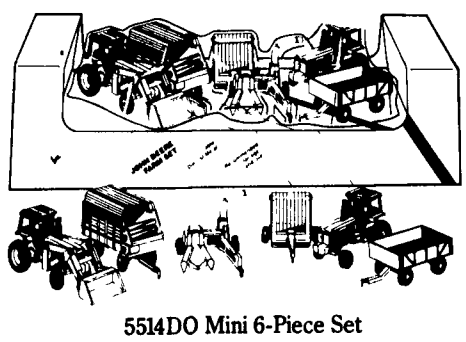


501 Utility Tractor Toy

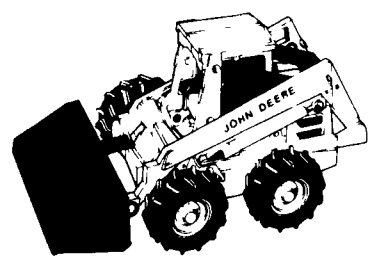
5594 Lawn & Garden Tractor Set



505CO Excavator Toy



5514DO Mini 6-Piece Set



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Southwest Area Livestock Summary

Hollins, Va.

Monday, December 12, 1988

ALL TRENDS COMPARED TO LAST MONDAY: SLAUGHTER HOGS 7 HEAD - FEW LOTS RETURNED TO FARMS BARROWS AND GILTS US 1-3 245-310 LBS 37.00-43.50.

SLAUGHTER CATTLE 80 HEAD - SLAUGHTER COWS 1.00-2.00 HIGHER.

SLAUGHTER COWS 74 HEAD CUTTER & BNG.UT. 1-3 41.00-47.50 BRKG.UT. & COMM. 2-4 42.00-49.00 1 AT 51.25 CANNER & LOW CUTTER 1-2 37.25-41.25.

SLAUGHTER BULLS 6 HEAD; 1-2 900-1300 LBS 51.00 1-2 1300-1600 LBS 47.50-54.00 1-2 1600 LBS & OVER 53.50.

FEEDER CATTLE 344 HEAD - FEEDER STEERS AND FEEDER HEIFERS 1.00-3.00 LOWER. STEERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 85.00-90.50 90.50-95.00 --- 87.00-88.50 400-500 81.00-87.50 --- --- 77.50-79.00 500-600 80.00-84.00 --- 74.00-75.00 74.00-82.00 600-700 75.50-79.00 --- 72.00-77.00 --- 700-800 72.00-74.50 --- 68.00 70.00-72.50 800-900 --- --- --- 67.50-69.50 HOLSTEIN STEERS; MED.&LARGE 1-2 200 300 LBS 82.00-83.00; 300-500 LBS 70.00-75.00 500-700 LBS 65.00-70 00; 700-900 LBS 63.50; 900-1100 LBS 61.00.

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 73.00-75.00 76.00-77.50 --- 66.00-67.00 400-500 73.00-76.50 76.50-78.50 68.00-70.00 68.00-72.00 500-600 70.00-73.00 72.00-73.50 66.00-70.00 65.00-70.00 600-700 68.50-72.00 70.00-74.00 69.00-71.00 --- 700-800 68.00-73.00 --- 64.50 --- 800-900 67.00-68.00 --- --- --- FEEDER BULLS; MED. 1 SMALL 1 300-500 LBS 83.00-87.50 72.00-78.00 500-700 LBS 69.50-75.00 --- BABY CALVES RETURNED TO FARMS 26 HEAD NEWBORN TO 4 WK OLD 20.00-125.00 MOSTLY 60.00-95.00 PER HEAD.

Shenandoah Valley Livestock

Harrisonburg, Va.

Sat., Dec. 10, 1988

Report supplied by auction

FEEDER CATTLE TREND: $2-$5 LOWER.

STEERS: M&L-1 300-500 LBS. 81.00-95.00; 500-700 LBS. 75.00-83.00; 700-1000 LBS. 72.00-74.00; HOLSTEIN 300-1,000 LBS. 66.00-79.00. S-L&M&L-2 300-500 LBS. 79.00; 500-700 LBS. 74.00-76.00.

FEEDER BULLS: M&L-1 300-500 LBS. 78.00-90.00; 500-700 LBS. 76.00.

HEIFERS: M&L-1 300-500 LBS. 69.00-76.00; 500-700 LBS. 68.00-74.00; 700-800 LBS. 67.00-71.00. S-L&M&L-2 500-700 LBS. 64.00.

STOCK COWS: BEEF: 410.00-625.00; BABY CALVES: BY HEAD 25.00-136.00; BY CWT. 88.00-133.00

SLAUGHTER COWS TREND: STEADY. UTILITY & COMMERCIAL 2-4 38.00-46.75; CANNER & CUTTERS 1-3 35.00-41.00.

SLAUGHTER BULLS: 1 & 2 47.00-58.00.

LAMBS: TREND: SLAUGHTER $1 HIGHER; FEEDERS $2-4 HIGHER. BLUE O HIGH CHOICE & PRIME 67.00; RED O CHOICE 76.60; FEEDER LAMBS CHOICE 77.00-85.50; SLAUGHTER EWES 22.00-30.00; HEAD EWES 47.00-61.00.

HOGS: SOWS 1-3 33.00; BOARS 21.50.

VEALS: CHOICE & PRIME 97.00.

SLAUGHTER CALVES: GOOD & CHOICE 68.00-74.00.

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Glenn S. Frame, Manager

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Details To Follow Check Dec. 24th Issue

Closed Dec. 26th & Jan. 2nd

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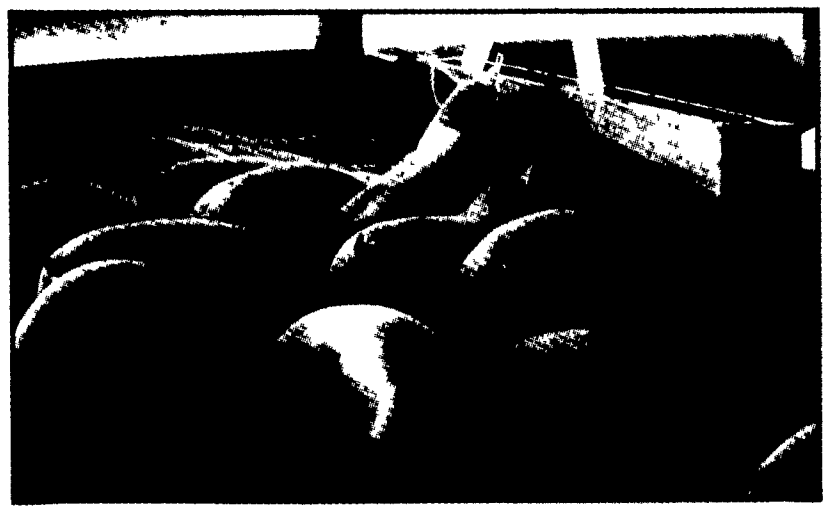

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Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 14, 1988
Report Supplied by PDA

CATTLE 229...PDA... Supply included 44 head feeder cattle ...Compared to last Wednesday's market: Slaughter steers $1 to $2 higher; Cows $2 to $3 higher. Choice 1160/1500 lbs. sl. steers 69.75-73.25, Select 66.00-70.75; Choice 1250/1525 lbs. holsteins 64.50-67.50, Select 1300/1575 lbs. 61.00-65, few Standard 56.00-61.50. Choice 970/1280 lbs. sl. heifers 67.50-72.25, mostly 69-70.75, few Select 62.25-67, few Standard 54-59.25. Breaking Ut. & Commercial sl. cows 48 00-51.25, few 53.50, Cutter & Bon. Utility 46.00-52.00, Canner & Low Cutter 42.50-47, Shells down to 39.75. Few Select & Choice sl. bullocks 65.00-69.00, few holsteins 58.50-63.75. Few Yield Grade No. 1, 1365/1880 lbs. sl. bulls 57.25-63.75, one No. 2, 1100 lbs. 53.75. FEEDER CATTLE: Few Medium Frame No.1, 400/660 lbs. steers 62.50-72, lot Large #1, 750 lbs. 60.50, few Large #2, 565/960 lbs. 52.50-56.50. Lot Large Frame No. 2, 600 lbs. heifers 59.00. Few Medium Frame No.1, 475/575 lbs. bulls 61.00-70.00, few Small #1, 450/785 lbs. 51.75-62.00.

CALVES 190...Couple Choice 101.00-118.00, Standard & Good 85/110 lbs. 67.00-72.00, 65/85 lbs. 60.00-67.00, few Utility 90/100 lbs. 60.00-68.0, few 65/85 lbs. 50.00-62.00. Farm Calves: Holstein Bulls 90/125 lbs. 130.00-148.00, some down to 80.00, few 75/85 lbs. 70.00-80.00; few Hol. Heifers 90/110 lbs. 90.00-138.00. Few Beef cross bulls & heifers 80/150 lbs. 72.00-132.50, one 167.50; few Good & Choice 375/650 lbs. slaughter calves 67.00-74.00.

HOGS 425...Barrows and gilts $3 to $4 higher. US No. 1-2 235/250 lbs. 43.50, one lot 44.00, 1-3 220/255 lbs. 42.25-43.25, few 43.75, 2-3 215/275 lbs. 40.10-42.10, 2-4 250/320 lbs. 32.75-36.75, lot 39.85, lot 1-3 185 lbs. 37.00. US No. 1-3 300/510 lbs. sows 26.00-29.50, few 32.50, 2-3 500/700 lbs. 24.00-28.00, few Medium 280/470 lbs. 2300-24.00. Couple Boars 22.50&23.75, few Light weights 24.00-28.50.

FEEDER PIGS 314...Few Lots US No 1-3 20/30 lbs. feeder pigs 80.00-115.00, 30/60 lbs. 54.00-65.00, 60/75 lbs. 53.00-57.00, lot 110 lbs. 46.00, few Utility 25/50 lbs. 25.00-46.00 --- all per hundredweight.

SHEEP 158...Choice & Prime 30/45 lbs.new crop lambs 132.50-152.50, 45/70 lbs. 90.00-117.00, 75/100 lbs. 63.00-69.00; Choice 55/110 lbs. wool slaughter lambs 60.00-70.00, 110/150 lbs. 50.00-60.00, Good & Choice 50/95 lbs. 44.00-60.00, few Utility & Good 65/100 lbs. 41.00-45.00. Slaughter sheep 12.00-25.00.

GOATS 22...Large Adults 50.00-67.50, Medium 25.00-41.00, Large Kids 38.00-58.00 --- all per head.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, December 14, 1988
Report Supplied by PDA

CATTLE 82...PDA...Compared with last Wednesday's market: Few Select and low Choice slaughter steers 64.50-66.25, few Standard 57.50-61.75. Choice sl. heifer, one 67.75, one Standard 58.75. Few Breaking Utility & Commercial sl. cows 46.75-50.25, one 51.75, Cutter and Boning Utility 44.00-48.25, few high dressing 50.00, Canner & Low Cutter 38.00-44.25, Shells down to 31.50. One Yield Grade No. 1, 1865 lbs. sl. bull 53.75, couple No. 2 1210 & 1030 lbs. 48.00 & 49.75. Feeder Cattle: Few Medium & Large Frame No. 1, 285/375 lbs. steers 78.00-87, 775//970 lbs. 60.00-70.50. Med. & Large Frame #1, 330/565 lbs. heifers 66.50-74.00, few 560/720 lbs. 56.25-63.25.

CALVES 92...Standard and Good 90/120 lbs. vealers 68.00-78.00, 65/85 lbs. 60.00-74.00, 65/85 lbs. 60.00-74.00, Utility 50/70 lbs. 30.00-60.00. Farm Calves: Holstein Bulls 85/130 lbs. 80.00-131.00. Beef cross bulls & heifers 80/115 lbs. 80.00-110.00.

HOGS 156...Barrows and gilts mostly $4 higher. US No. 1-2 235/260 lbs. 44.00, couple small lots 45.00, 1-3 235/265 lbs. 42.50-44, one lot 215 lbs. 41.00, lot 2-3 275 lbs. 41.00, 1-3 170/180 lbs. 32.00-36.85. Few US No. 1-3 375/575 lbs. sows 27.50-32.00, few 2-3 550/695 lbs. 25.75-28.25. Boars 20.00-23.00.

FEEDER PIGS 63...US No. 1-3 25/35 lbs. feeder pigs 8.50-15.00, 35/55 lbs. 14.00-19.50 --- all per head.

SHEEP 11...Few Choice & Prime 85/110 lbs. wool slaughter lambs 64.50-68.50, few 55/60 lbs. 77.00-81.00.

GOATS 0...No Market Test.

New Wilmington Livestock Auction

N. Wilmington, Pa.
Monday, December 12, 1988
Report Supplied by PDA

CATTLE 299..PDA...Compared with last Monday's market: Slaughter cows $1 to $1.50 higher. Few Choice sl. steers 66.75-68.00, few Select 65.25-66; one Choice holstein 65.00, few Standard 58.00-62.00. One Choice sl. heifer 65.50. Breaking Utility & Commercial sl. cows 46.00-48, one 50.00, Cutter & Boning Utility 43.00-47.25, Canner & Low Cutter 37.50-43.50, Shells down to 33.25. Standard slaughter bullock, one 56.50. Few Yield Grade No. 1, 1275/1575 lbs. sl. bulls 53.25-54.75, few No. 2, 1150/1675 lbs. 49.00-53.25. Feeder Cattle: Medium & Large Frame No. 1, 320/525 lbs. steers 73.50-80.50. Med. & Large Frame No. 1, 360/590 lbs. heifers 61 00-70.50, 600/900 lbs. 53.00-63.00. Med & Large Frame No. 1, 510/720 lbs. bulls 62.00-76.00.

CALVES 274...Choice vealer, one 103.00, few Good 80.00-100, Standard & Good 90/120 lbs. 65.00-75.00, 65/85 lbs. 58.00-67.00, Utility 45/60 lbs. 10.00-40.00. Farm Calves: Hol. Bulls 85/135 lbs. 80.00-135.00, Hol. Heifers 100/120 lbs. 100.00/104.00. Beef cross bulls & heifers 75/120 lbs. 70 00-105.00.

HOGS 359...Barrows and gilts $4 to $4.50 higher. US No. 1-2 235/245 lbs. 44.00-44.60, 1-3 220/250 lbs. 42.60-43.85, 2-3 225/265 lbs. 40.25-41.50, 1-3 150/185 lbs. 30.50-36.75, lot 200 lbs. 42.00. Sows mostly $3 higher. US No. 1-3 350/550 lbs. sows 29.00-35.00, 2-3 365/610 lbs. 26.00-29.00. Boars 26.00-27.00.

FEEDER PIGS 13...Few US No. 1-3 10/15 lbs. feeder pigs 3.00-5.00, few 1-3 30/45 lbs. 12.00-24.00 --- all per head.

SHEEP 107...High Choice & Prime 85/115 lbs. wool slaughter lambs 64.00-70.00, Choice 80/120 lbs. 50.00-64.00. Good & Choice 70/90 lbs. feeder lambs 50.00-69.00. Slaughter ewes 11.00-26.00.

GOATS 22...Medium & Large 22.00-43.00 --- all per head.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, December 13, 1988
Report Supplied by PDA

CATTLE 262...PDA...Compared with last Tuesday's market: Slaughter cows mostly $1 higher. Choice sl. steers 68.50-71.25, one 75.00, Select 65-68.60, Standard 56.00-64.25. Few Choice sl. heifers 67.25-71.75, few Select 65-65.75, few Standard 52.75-60.75, Utility 45.00-49.25. Breaking Utility & Commercial sl. cows 46.00-48.10, one 49.00, Cutter & Boning Utility 43.50-47.60, Canner & Low Cutter 38.00-44, Shells down to 30.00. Few Select sl. bullocks 59.35-61, few Standard 57.35-58.10, few Utility 50.10-53.35. Few Yield Grade No. 1, 1560/1910 lbs. sl. bulls 53.10-55.00, one 62.25. Feeder Cattle: Medium Frame No. 1, 350/550 lbs. steers 69.00-79.50, 600/800 lbs. 64.00-67.00. Medium & Large Frame No. 1, 390/690 lbs. heifers 73.00-84.50. Med. & Large Frame No. 1, 300/580 lbs. heifers 63.50-76, No. 2 620/875 lbs. 45.00-54.00. Few Medium Frame No. 1, 485/695 lbs. bulls 64.50-73.00.

CALVES 106...Standard and Good 90/120 lbs. vealers 65.00-70.00, 60/85 lbs. 41.00-66, Utility 50/80 lbs. 2.00-33.00. Farm Calves: Holstein Bulls 90/135 lbs. 75.00-139, mostly 90.00-130.00.

HOGS 210. Barrows and gilts $4 to $4.50 higher. US No. 1-2 235/250 lbs. 42.75-43.50, couple lots couple lots 44.10&44.50, 1-3 225/255 lbs. 41.50-43.00. Few US No. 1-3 235/400 lbs. sows 28.00-35.00, one 2-3 450 lbs. 25.00. One Boar 20.00.

FEEDER PIGS 2...No Market Test.

SHEEP 0...No Market Test.

GOATS 0...No Market Test.

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1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

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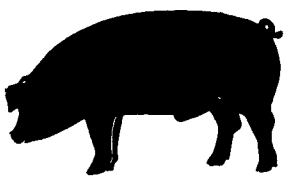

RECEIVING HOGS:
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WEDNESDAYS: (Next to Bawells Butcher Shop)
& FRIDAYS: on Butler Rd. 717-656-9668
TUESDAYS: B & R Cattle
THURSDAYS: Marietta 717-426-3258

YORK COUNTY FARMERS

MONDAYS: Stewartstown 717-993-2564
TUESDAYS: Thomasville 717-792-2248 or 9836

DEWART AREA FARMERS

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Ron Myers, 717-656-3291
Ed Herrmann, 717-284-3203
or Charle Kauffman, 215-593-5674
Future forward contracts available

U.S. Inspected Livestock Slaughter

Under Federal Inspection
Wed., Dec. 14, 1988

	CATTLE	CALVES	HOGS	SHEEP
WED., 12/14/88 (EST)	119,000	10,000	344,000	20,000
WEEK AGO (EST)	125,000	10,000	356,000	22,000
YEAR AGO (ACT)	126,000	10,000	329,000	20,000
WEEK TO DATE (EST)	364,000	28,000	1,003,000	60,000
SAME PD LT WK (EST)	365,000	28,000	1,036,000	63,000
SAME PD LT YR (ACT)	353,000	32,000	930,000	59,000

Four States Livestock

Hagerstown, Md.
Wed., Dec. 14, 1988
Report supplied by Auction

SLAUGHTER: FED STEERS PRIME 73.00-76.00; CHOICE 69.00-74.00; SELECT 62.00-69.00; STANDARD 52.00-62.00; HOLSTEINS CHOICE 1600-1800 LBS. 62.00-64.00.

FED HEIFERS: SELECT UP TO 62.00; DAIRY CULLS 50.00-54.00

COWS: HIGH YIELD 49 00-52 00; UTILITY-COMMERCIAL 44 00-49.00; CANNER-CUTTER 41.00-46 00; SHELLY 41.00 DOWN.

BULLS: YG#1 55.00-59.25; YG#2 51.00-54.00.

VEAL CALVES: 140-250 LBS CHOICE 80.00-94.00; GOOD 72.00-80.00; 80-120 LBS. 65.00-72 00; 60-80 LBS. 60 00-66.00; HOLSTEIN BULLS 95-120 LBS. 110.00-147.00; 90-95 LBS. 80.00-110.00; HOLSTEIN HEIFERS TO 96.00; BEEF X 75.00-98.00.

LAMBS: CHOICE 100-120 LBS. 65.00-68.00, (1) 140 LB. AT 49.00.

SHEEP: TO 33.00.

GOATS: LG. 55.00-69.00; MD. 40.00-55.00.

STOCKER: STEERS: MEDIUM & LARGE FRAME 500-700 LBS. 68.00-80.00; 800-1000 LBS. TO 72.00; HOLSTEIN STEERS 600 LBS. UP TO 61.00.

HEIFERS: 200-300 LBS. 68.00-76.00; 400-600 LBS. 60.00-70.00; 600-800 LBS. 50.00-62.00.

BULLS: 300-400 LBS. 75.00-87.00; 400-600 LBS. 70.00-80.00; 600-800 LBS. TO 65.00; 800-1000 LBS. 51.00-57.00.

DAIRY REPLACEMENTS: FRESH COWS 495.00-690.00; HOLSTEIN HEIFERS BY THE LB. 500-600 LBS. UP TO 64.00.

PIGS AND SHOATS: BY THE HEAD, 20-30 LBS. 10.00-16.00; 30-50 LBS. 15.00-21.00; 50-70 LBS. 20.00-28.00; BY THE LB. 170 LBS. AT 37.00.

SLAUGHTER HOGS: 215-250 LBS 40.00-41.00; 5 HEAD 282 LBS. AT 37.75; 300-400 LBS. 33.00-44.00.

SOWS: 400-650 LBS. 26.00-30.50, FEW TO 35.00.

BOARS: 24.00-25.00.

Grantsville Livestock

Grantsville, Maryland
Saturday, Dec. 12, 1988

HOGS: TOP BARROWS & GILTS 39.00-41.25; HEAVY BUTCHER 36.50-40.50; LIGHT BUTCHER 30.00-38.00; BUTCHER SOWS 28.00-38.00; FEEDER SHOATS 8.00-32.00.

VEAL: GOOD 75.00-85.00; STANDARD 60.00-70.00; UTILITY 40.00-50.00; BULL CALVES 1.00-1.3750.

SHEEP & LAMBS: GOOD 70.00-77.00; UTILITY 60.00-65.00; SLAUGHTER EWES 18.00-28.00.

SLAUGHTER CATTLE: STEERS: GOOD 65.00-70.00; STANDARD 60.00-62.00; UTILITY 55.00-58.00.

HEIFERS: GOOD 62.00-65.50; STANDARD 54.00-60.00; .UTILITY 45.00-50.00.

COWS: COMMERCIAL 40,50-48.00; UTILITY 33.00-38.00; CANNER & CUTTER 30.00-DOWN.

BULLS: COMMERCIAL & GOOD 52.00-57.50; CUTTER & UTILITY 42.00-48.00.

STOCK-FEEDER CATTLE: GOOD 72.00-75.00; MEDIUM 60.00-70.00.

STEER CALVES: GOOD 80.00-85.00; MEDIUM 65.00-75.00.

HEIFER CALVES: GOOD 65.00-81.00; MEDIUM 55.00-60.00.

Valley Livestock

Athens, Pa.
Monday, Dec. 12, 1988
Report supplied by auction

HOLSTEIN HFR. CALVES TO 120.00.
VEAL CALVES TO 86.00.
BULL CALVES TO 155.00.
SLAUGHTER CALVES 65.00-75.00.
GRASSERS & FEEDERS 40.00-60.00.
LAMBS 55.00-80.00, NEW CROP TO 230.00.
SHEEP 18.00-35.00.
HOGS, 200 TO 250 LBS. 35.00-39.00.
SOWS 18.00-24.00.
BOARS 20.00-24.00.
PIGS 10.00-28.00.
HEIFERS 42.00-58.50.
STEERS, FEEDER 50.00-70.00.
STEERS 50.00-53.50.
COWS, GOOD, 45.00-48.00, TOP 49.75.
COWS, MEDIUM, 43.00-45.00.
COWS, POOR OR SMALL 28.00-40.00.
CATTLE MARKET STEADY TO HIGHER.
CALF MARKET STEADY.
GOATS TO 70.00.
HORSES TO 150.00.
PONIES TO 75.00.
LAMB MARKET REAL GOOD.

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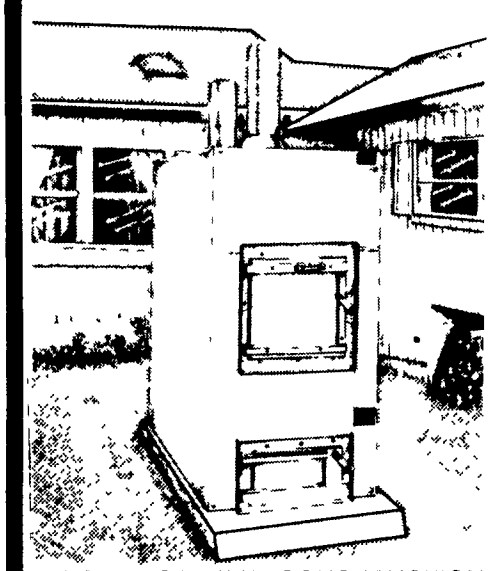

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- Cultipackers and Roller Harrows (John Deere and Brillion)

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JD 2640 Diesel.....$10,900
JD 3020 Dsl. Syncro, Wide Front, Dual Remote.....$8,950
JD 2040 Diesel.....$6,950
Cab, Hiniker, model 1300 for 2630 Tractor, nice.....$975
JD 2640 w/Roll Guard.....$10,900
JD 2750 Sound Guard, Like New
JD 1530 Diesel Hi-Lo
JD 4230 Power Shift, High Back Seat, Sharp
JD 2440 Tractor, Nice

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 324 2 Row Wide 12 Row 327 bed.....$3,950
NI 818 combine, sharp
#244 Corn Head
NI 2 row narrow w/sheller, A1.....$3,950
JD #243 2 Row 30" Snapper Head.....$2,350
NI Picker, 2 Row Narrow 12 Roll Bed, Nice.....$5,800
JD #343 3 Row 30" Corn Head
JD 300 Husker w/3 Row Head
JD 40 Combine w/2 Row and Grain Head
JD 6620 LL Hydro Combine, Nice
13' Rigid Head for Side Hill.....$1,750
JD 13' Grain Head w/Floating Bar
JD 4400 (1979) Diesel Combine, Loaded, Sharp
Gleaner FII Diesel Combine w/438 Corn Head and 13' Grain Platform
NI 12 roll husking bed w/elevator.....$2,450
JD 10' Grain Head for 3300 or 4400 Combine.....$1,850
NI #702 Uni System w/#737 Picker And #743 3 Row Corn Head, Sharp Unit.....$8,750
JD #443 Corn Head
JD #444 Corn Head
JD 300 Husker w/243 Corn Head

HAY & FORAGE EQUIPMENT:
NH 272 Baler w/58 thrower, nice.....$3,850
(1) (2) NH #469 Haybine
NH #282 Baler w/Thrower
JD 640 Rake
NI #402 Rake
JD 14T Baler w/Chute.....$575
JD 1 Row, Row Crop Attachment, Nice.....$550
JD 336 Baler w/#30 Ejector, Nice.....$5,850
PZ Rake Tedder.....$750
JD 5½' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
Hydro Drive side mount Sickle Mower, almost new.....$1,575
Ford 3 Pt. Flail Mower

PLANTERS & GRAIN DRILLS:
JD 1300 6 Row Planter Radar Monitor, Sharp.....$3,450
JD #1240 Plateless Planter.....$1,850
White 5400 6 Row Air Planter.....$2,350
JD 7000 6 Row No-Til Conservation Planter w/Auger Fill.....$6,500
JD 7000 6 Row No-Till Planter, Nice.....$5,850
JD 1240 Plate Planter.....$950
JD Model B 13x7 Single Disc Drill w/grass, nice.....$625

GRAIN DRYERS:
New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

Coming In...
JD 500 Grain Cart, almost new
JD 2500 4-18" Auto Reset Plow
JD 4430 Quad Range, Sound Guard Tractor w/ duals 18.4x38

PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow.....$3,950
JD F350 5-16" Hyd. Reset Plow.....$2,350
JD Model 1610 14' Chisel Plow.....$2,650
JD #1450 5B 20" Plow.....$2,250
IH 530 5B Trip Plow.....$950
JD 1450 6-16" Semi-Mtd. Plow.....$2,250
JD 3200 5B Trailer Plow, Auto Reset.....$3,450
Oliver 565 5-16" Plow.....$1,250
JD #1600 12' Chisel w/Walking Tandems.....$2,450
JD 4-16 #1450 Semi-Mtd. Plow.....$2,450
JD 5x18" 2500 Auto Reset Plow.....$3,450
IH #55 7 Tooth Pull Type Chisel.....$1,850
White 12' 3 Pt. Chisel.....$1,275
JD #2500 6B 18" Auto Reset Plow.....$3,650

ROLLER HARROWS AND CULTIMULCHERS
JD F950 15' Roller Harrow.....$3,950
IH 315 12' Roller Harrow.....$3,450
JD F950 12' Roller Harrow.....$3,450
Brillion 10' Roller Harrow.....$975

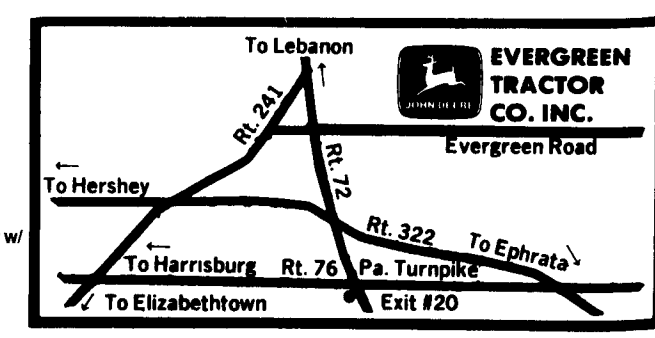
CULTIPACKERS
(1) (2) Brillion 25' Wing Fold Packer.....$4,500
JD 12' Cultipacker.....$1,050
Brillion 16' Packer w/Transport.....$1,875
Brillion 9'.....$425
Brillion 10' w/Big Shaft.....$950
Brillion 15' w/Transport.....$1,675
Brillion 12' no Transport.....$1,050

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Cultivator for 40 Series
(1) (2) JD RM 4 Row Cultivator.....$975
JD 6 Row 30" RM Cultivator.....$1,550
JD 400 Rotary Hoe.....$1,475
JD 4 Row Front Mount Cultivator For 3020.....$1,550
IH 4 Row 3 pt. Cultivator.....$650

MISCELLANEOUS:
JD 670 Tank Spreader.....$1,250
NI 217 Spreader w/Double Beater and Tail Gate.....$1,450
14.9x38 Direct Axle Dual Wheels
JD 28' Implement Trailer.....$1,875
Kelley Loader for JD Row Crop.....$1,650
NH 352 Grinder-Mixer.....$2,450
JD 660 Spreader w/Hyd. Tail Gate.....$3,650
Donahue Implement Trailer.....$1,750
JD 27 Stalk Shredder.....$3,650
Skid Steer Loader Trailer w/Brakes.....$1,150
NI #244 Tandem Axle Single Beater Spreader w/End Gate.....$2,250

DISCS AND FIELD CULTIVATORS
JD 220 Center Fold Disc, Nice.....$5,350
JD 12' TWA Plowing Disc.....$3,250
JD BW 18' Wing Fold Disc.....$2,650
JD BW 14' Disc.....$1,450

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES
JD 575 Dsl. Skid Steer Loader w/54" Bucket.....$12,950



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Philadelphia Vegetables

Philadelphia, Pa.
Wednesday, December 14, 1988

ARTICHOKES SUPPLIES INSUFFICIENT TO QUOTE.

ASPARAGUS SUPPLIES LIGHT CHILE 12-lb crate bunched 12s exlge 35.00.

BEANS HIGHER various bushel containers Round Green type unless otherwise stated FL 16.00-20.00 mostly 18.00-19.00 handpicked 21.00 22.00.

BEETS ABOUT STEADY NJ crate bunched 12s 650 topped bushel baskets 11.00 TX crate bunched 12s 650-700 24s 11.00 25-lb film bags topped 6- 650.

BROCCOLI ABOUT STEADY carton bunched CA 14s 10.50-12.00 mostly 11.00 AZ 14s 11.00.

CABBAGE SLIGHTLY HIGHER 1-3/4 bushel carton & crate medium Green unless otherwise stated FL 700-800 mostly 750 Savoy type & Red 900 NJ Red 700 50-lb sks NY large 500-550 mostly 550 Red type small-medium 600- 700.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA medium- large 10.50 CANADA medium 650-800 50-lb sacks loose jumbo CA 550 CANADA 550-600 mostly 600 Carton bunched 24s CA 10.50 Miniature type CA carton bunched 24s 11.50 FL 20-12 oz film bags 600-700.

CAULIFLOWER SLIGHTLY HIGHER CA carton film wrapped 12s 13.00-15.00 16s 11.00-12.00 TX carton film wrapped 9s 10.00 12s 12.00.

CELERY ABOUT STEADY CA carton 2 dozen 11.00-13.00 mostly 12.00 2 1/2 dozen 10.00-12.00 mostly 11.00 3 dozen 850-900 mostly 900 4 dozen 850- 900 FL carton & crates 2-1/2 dozen 900-10.00 TX 2 & 2 1/2 dozen 900- 10.00.

CHINESE CABBAGE ABOUT STEADY FL celery crate 600 CA carton 24s Nappa & Bok Choy 11.00 50-lb crate Nappa small 7-750 MEXICO 30-lb carton Bok Choy 7-750.

CORN WHITE HIGHER, YELLOW STEADY Wirebound crate approx 4-1/2 dozen FL Yellow & White 11.00.

CUCUMBERS HIGHER FL 1-1/9 bushel carton waxed medium 16.00-18.00 mostly 18.00 fair quality 12.00-14.00 MEXICO 1-1/9 bushel crate waxed medium 16.00-18.00 fair quality 13.00-14.00 1-1/9 bushel carton small 17.00.

EGGPLANT bushel and 1-1/9 bushel carton and crate FL medium 600- 700 fair quality 400-600.

ENDIVE ABOUT STEADY FL 1-1/9 bushel crate 500-650 mostly 550-600 CA carton 24s 950 BELGIUM Witloof type 10-lb carton via air few 16.00.

ESCAROLE STEADY FL 1-1/9 bushel crate 500-650 mostly 550-650 CA carton 24s 950.

GREENS ABOUT STEADY crate approximately 1-1/2 bushel bunched unless otherwise stated PA Collards, Mustard & Kale 550-600 NC Collards, Mustard, Turnip Tops, Kale & Rape 650 GA Collards, Mustard, Turnip Tops, Kale & Rape 6-650 TX carton 24s Collards 6-650 Kale 600 CA carton 24s Kale 600 Red Kale 15.00 Swiss Chard incl Red 850 Broccoli Rabe 20-lb carton 26.00-30.00 previous commitments 24.00.

LEEKS ABOUT STEADY CA crates bunched 12s 11.00 FL carton bunched 12s 11.00 MEXICO carton bunched 12s 11.00-12.00.

LETTUCE-ICEBERG ABOUT STEADY carton 24s unless otherwise stated CA 18.00-20.00 mostly 18.00 film wrapped one lot 18.00 AZ 18.00- 20.00 mostly 18.00-19.00 film wrapped 15.00 30s 12.00 FL 15.00.

LETTUCE-ROMAINE ABOUT STEADY CA carton 24s 12 00-14.00 crate 16.00 AZ carton 24s 13.00 FL carton 24s 800-10.00.

LETTUCE-OTHERS BIG BOSTON FL carton 24s 800 CA carton 24s 10.50 AZ carton 24s 700-800 LEAF CA carton 24s 800-10.00 Red 700-900 FL carton 24s 600 AZ carton 24s including Red 700-850.

LETTUCE-PROCESSING No supplies.

MUSHROOMS STEADY PA 4-quart basket medium-large 525-600 few 700 small-medium 425-525 10-lb carton medium 925-10.25 mos 950 large 10.75-11.00 extra large 11.50-12.00 packages 10-12 oz 950.

OKRA TOO FEW SALES TO QUOTE.

ONIONS-GREEN ABOUT STEADY TX carton 24s med-large bulb 950 CA carton bunched 48s 800 MEXICO carton bunched 48s 800-900.

PARSLEY ABOUT STEADY bunched 5 dozen Curly unless otherwise stated FL crate 850-10.00 Plain 10.00-11.00 CA carton Plain 950 KS carton 700-800 TX crate Plain 11.00.

PEAS-GREEN MEXICO 1-1/9 bushel crate one lot 20.00.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SUGAR ABOUT STEADY 10-lb carton per lb MEXICO 150 GUATEMALA 150- 180.

PEPPERS ABOUT STEADY 1-1/9 bushel crates & cartons California wonder type Green unless otherwise stated FL extra large 900-10.00 large 850-900 medium one lot 900 Mixed Red large fair condition 300-400 Red large 18.00 medium 12.00-15.00 NETHERLANDS 5-kilo carton Red large few 22.00.

RADISHES SLIGHTLY HIGHER carton Red 30-6 oz film bags FL 600 14-1 lb film bags 625 FL carton bunched 24s 600-700 MEXICO carton bunched 24s 600 FL White 24-8 oz film bags 600.

SPINACH ABOUT STEADY NC Savoy type 1-1/4 bushel crate 800 CA flat type carton bunched 24s 800 Savoy type 11.00 MEXICO flat type carton bunched 24s 700.

SQUASH ABOUT STEADY FL 1/2 bushel carton Zucchini small-medium 600-800 medium fair condition 400 Yellow Straightneck small-medium 800-900 MEXICO 28-lb lug Zucchini small-medium 700-800 mostly 800 Yellow Straightneck small-medium 800 NY 1-1/9 bushel carton Acorn 700-800 Butternut 10.00 bushel baskets Butternut 12.00.

SWEET POTATOES ABOUT STEADY 40 lb carton Jewel type cured US #1 NC 12.50-13.00 fair quality 800 large 800 DE 900-10.00.

TOMATOES ABOUT STEADY 25-lb carton Pink to Light Red 85% US#1 or better unless otherwise stated FL 5x6s 750-900 6x6s 6-650 6x7s 5-550 mostly 500 fair quality 5x6s 600-800 6x6s 500-600 mostly 550-600 REPACKED LOCALLY FL 5x6s 11.00 6x6s 900 6x7s 700 CHERRY TYPE 12-1 pint flats FL 800 MEXICO 700-900.

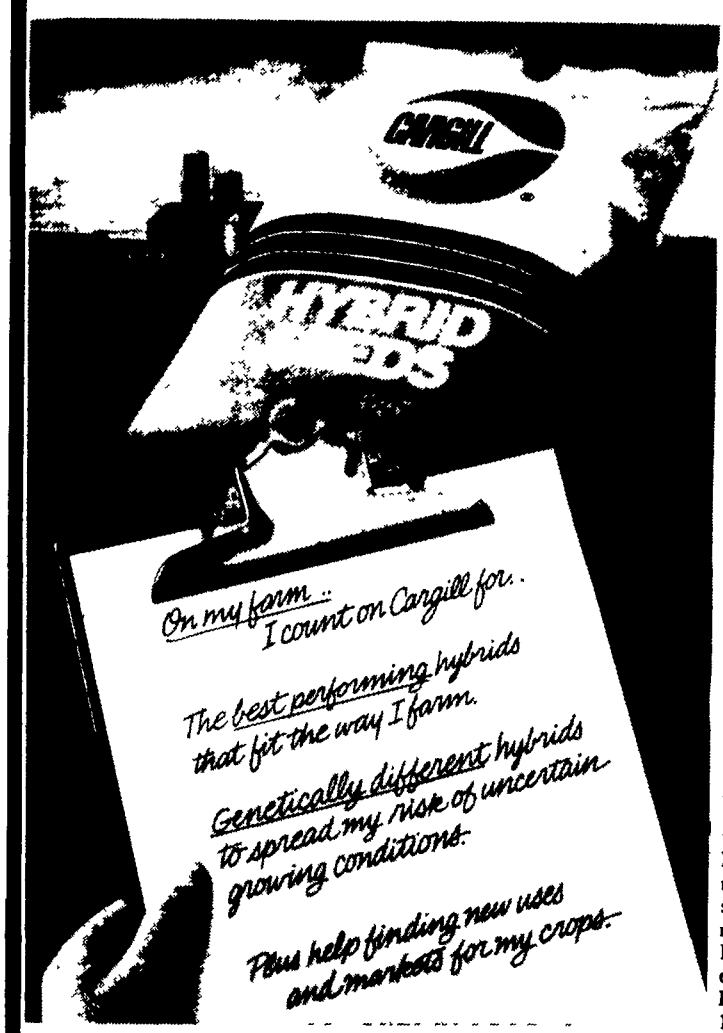
TURNIPS topped 25-lb film bags medium PA 350 1245e MAG

North Jersey Livestock

Hackettstown, NJ
Tues., Dec. 13, 1988
Report supplied by auction

CALVES .22-1.58.
COWS .32-.56.
EASY COWS .14-.48¾.
HEIFERS .45¾ -.64½.
BULLS .44-.62¼.
STEERS .50-.64½.
HOGS .18-.35.
ROASTING PIGS, EACH 5.00-36.00.
BOARS .15-.38.
SOWS .18-.21.
SHEEP .19-.60.
LAMBS EACH 25.00-83.00.
LAMBS PER LB. .55-.87.
GOATS EACH 33.00-93.00.
KIDS EACH 16.00-60.00.

Count On Cargill!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The best performing hybrids that fit the way I farm.
Genetically different hybrids to spread my risk of uncertain growing conditions.
Plus help finding new uses and markets for my crops.

6227 New
(108-111 Days)
Excellent yield potential and very good standability. Disease tolerance insures excellent stay green and harvestability. Responds to good management, soils, and fertility. Has tight husk for less kernal damage.
Final Populations: 18-24,000.

7877
(112-115 Days)
Outstanding yield potential and yield stability. Has an excellent stay green quality. Exhibits a very dark green color characteristic. Responds to good management.
Final Populations: 20-24,000

SX 352
(115-118 Days)
Produced the all-time NCGA yield record in 1986 with 347.61 bu/acre. Responds to good management and highly fertile soils. Excellent performance under irrigation. Demonstrates excellent emergence.
Final Populations: 18-24,000

SAVE UP TO 12% OR MORE

1. Quantity Discount Plan

Total Dollar Value all Seeds	% Savings
$ 0- 900	0%
$ 901-2000	2%
$2001-3000	3%
$3001-5000	4%
$5000 plus	5%

All spring planted crops including Corn, Alfalfa, Grass Seed, Sunflowers, Sorghums can be totalled by June 15

2. Early Payment Discounts

If Payment Postmarked	Early Pay
Jan. 16	7%
March 15	6%
April 14	2%

3. PIK Certificate Redemption
Cargill, Inc will maintain an aggressive daily cash bid for generic PIK certificates This bid price is available through your Cargill Hybrid Seeds dealer Farmer customers may apply PIK certificates to Cargill Hybrid Seed purchases and realize additional savings

CARGILL HYBRID SEEDS
PO Box 5645
Minneapolis, MN 55440

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Ray Meller Millersburg, PA
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Ivan M. Nolt Ephrata, PA
Melvin Nolt Richland, PA
Reginald Rohrer Fogelsville, PA
Elvin Rohrer Conestoga, PA
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Chester H. Soltys Jr. Spring City, PA
Robert Warriner Montrose, PA
K.R. Warner & Co. Glen Mills, PA
Darwin Wilson Millville, PA
Miller Equipment Bechtelsville, PA
Cargill, Inc. Seaford, DE
Agronomy Center Timpanogos, PA
Nolan Brenneman Spring Grove, PA
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Cumberland Valley Coop Chambersburg, PA
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Mechanicsburg, PA
Donald Fruits Scottdale, PA
Gear Farm & Home Supply Brookville, PA
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Dale Lehman Chambersburg, PA
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Darren Moyer Middleburg, PA
Sam Moser Shippensburg, PA
Frank & Dean Salvignac Gibsonia, PA
Eugene Schirer Twin Rox, PA
John Stevens Coudersport, PA
Lyn Stover Waynesboro, PA
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Eugene Walker Spring Mills, PA
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C.W. Brown Rising Sun, MD
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Business 814-793-3077
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Philly Fruit Market

Philadelphia, Pa.

GRAPEFRUIT ABOUT STEADY FL carton Seedless Indian River Red 23-27s 13.50-14.50 32s 10.50-13.00 mostly 12.00 36s 10.00-10.50 mostly 10.00 40s 800-950 mostly 850-900 48s 650-800 56s 500-600 fair quality 23-27s 600 32-36s 6-650 40-48s 500-600 White 36s 850 fair quality 23-27s 800 32s 550 36s 500 40s 450.

LEMONS ABOUT STEADY carton CA 115s 18.00-19.00 140s 16.00 one label 95s 26.00 115s 24.00 140s 20.00 165s 17.50 200s 16.00 fair quality 95s 18.50 115s 14.00-16.00 140s 13.00-14.50 165s 10.00-13.00 200s 11.50 AZ fair quality 95s 15.50 115s 14.50 140s 13.00-13.50 165s 12.50 200s 11.00-11.50.

LIMES ABOUT STEADY Persian Seedless 10-lb carton FL 42s 900 48-63s 850 MEXICO 48-54s 700.

ORANGES ABOUT STEADY CA carton Navel 48s few 19.00 56s 20.00 72s 16.00-18.00 88s 13.00-14.00 113s 950-11.50 mostly 11.00 138s 800 fair quality 56s few 16.00 72s 12.50 88s 10.50-11.50 113s 950 138s 750 FL 4/5 bushel carton Hamlin 64s few 950 80s 9-950 mostly 900 100s 8-850 125s 7-750 mostly 700 Navel 36s 11.00-12.00 40s 11.00 48s 10.50-11.50 mostly 11.00 56s 10.50-11.00 mostly 11.00 64s 10.50-11.50 mostly 11.00 80s 10.50-11.00.

TANGELOS ABOUT STEADY FL 4/5 bushel crate & carton Orlando 64s 11.50 80s 11.00-11.50 100s 10.00 125s 8-850 Nova 100s 10.00 120s 800 Minneola 64s 15.00-16.00 80s 14.00-16.00 mostly 16.00 100s 14.00 125s 12.00 AZ 1/2 bushel carton Orlando jumbo 900-10.00.

TANGERINES SLIGHTLY LOWER FL 4/5 bushel crate & carton Dancy 120s 18.00-20.00 150s 15.00-19.00 one label 80s 24.00 100-120s 23.00 150s 21.00 176s 18.50.

APPLES ABOUT STEADY carton tray pack WA Red Delicious WA Extra Fancy 72s 17.50 80s 15.50-16.00 preferred labels 48s 19.00 56s 18.00- 19.00 64s 18.00 72-88s 18.00-19.00 100s 18.00-18.50 113s 16.50-18.00 US Extra Fancy 56s 14.50 88-100s 14.50-15.00 113s 14.50 125s 15.00 138s 14.50 WA Fancy 88s 14.50 100s 13.50 Golden Delicious WA Extra Fancy 88s 17.00 100s 16.00 113s 15.00 one label 80-88s 20.00 100s 17.50 US Extra Fancy one lot 64-88s 16.50 100s 15.50 CA Granny Smith US Fancy 88s 18.00 100s 16.00 113s 14.00 ID IDExtra Fancy Red Delicious 88-100s 15.00 VA US Fancy Red Delicious 125s 8-850 FRANCE Granny Smith 100s 20.00 12-3 lb film bags US Fancy 2-1/4 inch minimum PA Red Delicious 720-800 Golden Delicious 900 NJ Red Delicious 750.

APRICOTS SUPPLIES LIGHT CHILE 2-layer lug Castlebrite 98s 12.00-13.00.

AVOCADOS ABOUT STEADY CA carton 1-layer Bacon 20s 900 2-layer carton Hass 40-48s 28.00-30.00 Fuerte 40-48s 18.00 FL flat carton various greenskin varieties 10-14s 700.

BANANAS Imports carton approximately 40-lb 11.50-12.00 fair quality 10.50 film wrapped 12.00 Institutional pack Petite 150s 11.00.

CHERRIES SUPPLIES LIGHT CHILE No sales reported.

GRAPES-TABLE ABOUT STEADY CA 23-lb lug Emperor 900-11.00 one label 12.50 Ruby Seedless 10.00-12.00 Calmeria 10.00-11.50 mostly 11.00 CHILE 18-lug wrapped Perlette 25.00-28.00 mostly 25.00 Flame Seedless 18.00-20.

KIWIFRUIT STEADY CA 1-layer flat 36-39s 750.

MANGOS NO SUPPLIES.

PAPAYAS SUPPLIES LIGHT HAWAII carton via air 11s 10.00.

PEACHES ABOUT STEADY CHILE 2-layer lug Springcrest 60-66s 16.00 78s 13.00-15.00.

PEARS ABOUT STEADY WA 4/5 bushel carton US#1 D'Anjou 70s 20.00 80s 20.00-21.00 90s 19.00-21.00 100s 17.00-19.00 110s 16.50-17.00 120s 15.50-16.00 135s 15.00-15.50 OR 4/5 bushel carton wrapped US#1 D'Anjou 80-90s 18.50 100s 18.00 110s 17.00 120s 15.00 135s 14.00 150s 13.00 165s 12.00 Bosc one lot 80-90s 25.00 100s 24.00 110s 23.00 120s 22.00 135s 16.00 150s 15.00.

PERSIMMONS ABOUT STEADY CA 1-layer carton Hachiya 30-32s one label few 10.00.

PLUMS CHILE Too few sales to quote.

POMEGRANATES SUPPLIES LIGHT CA 2-layer lug Wonderful 42s 800 48-50s 500.

RASPBERRIES flats 12-1/2-pint film overwrapped trays Red via air CA one label few 45.00 CHILE fair condition 24.00.

STRAWBERRIES LOWER flats 12-1 pint trays FL medium-large & medium 12.00-13.00 one lot high as 15.00 CA medium via air 12.00.

CANTALOUPS SUPPLIES LIGHT PANAMA 1/2 carton 12s 18.00-20.00 DOMINICAN REPUBLIC 1/2 carton 12s & 23s 18.00.

HONEYDEWS SUPPLIES LIGHT CA 1/2 carton 10s 500.

MISC MELONS SUPPLIES LIGHT 2/3 carton GUATEMALA Mayan Sweet 5s 15.00 9s 14.00.

Philly Potato & Onion

Philadelphia, Pa.

ONIONS-DRY STEADY 50-lb sacks US#1 or generally good quality and condition Yellow unless otherwise stated CO Spanish Hybrids jumbo 950- 10.00 mostly 950 White jumbo 11.00 25-lb sacks Red large 11.00 White Boilers 900-10.00 ID-OR Spanish Hybrids Colossal one lot 11.00-11.50 jumbo 950 some 10.00 NY Globe type medium 7-750 small-medium 600-700 MI Globe type small-medium 6-650.

POTATOES STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites LI 6-625 large 7-725 ME 575-625 mostly 575-600 large 7-750 CANADA CD#1 Prince Edward Isle 6-625 mostly 600 large 7-725 mostly 700 Round Reds MN-ND 850-900 size B 12.00 Russets 50-lb carton count ID 80s 12.50-14.00 mostly 14.00 90s 11.50-13.00 mostly 13.00 100s 10.50-12.00 mostly 12.00 WI 90s 10.00 100s 950 MT 100s 950 CANADA CD#1 Prince Edward Isle 90s 11.50 100s 10.50 100s 10.00 New Brunswick 70-80s 11.00-11.50 90s 10.75-11.00.

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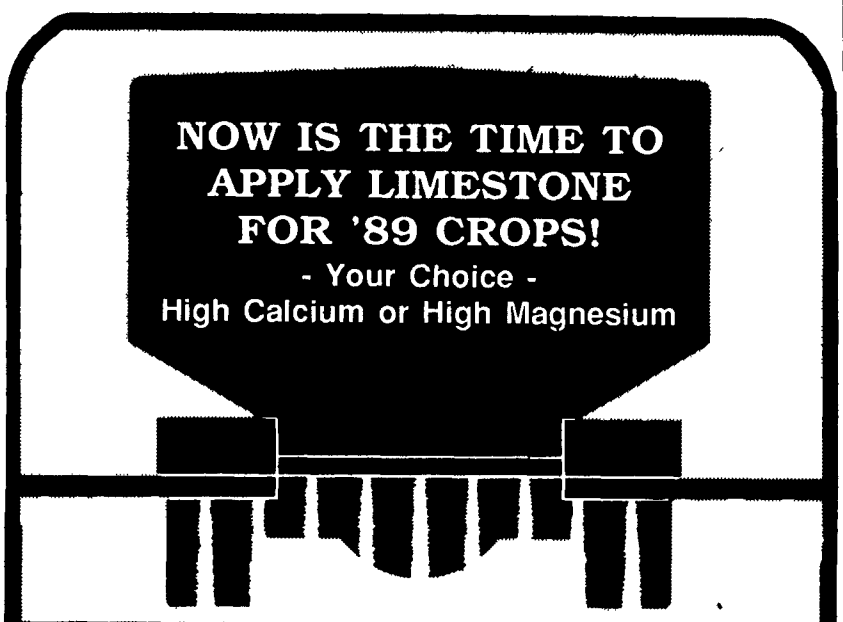

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Mac Bailey
Golden Leaf Tobacco Company
PO Box 218, Intercourse, PA 17534

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, December 13, 1988
Report Supplied by PDA

CATTLE 288... REPORT IS SUPPLIED BY THE AUCTION ...Choice slaughter steers 70.00-74.00, Select 65.00-69.75, Standard 60.00-64.75; Choice holsteins 65.00-67, Select 58-64.75, Standard 448.00-57.75. Choice sl. heifers 70.00-73.60, Select 65-69.75, Standard 55-60.75. Breaking Utility & Commercial sl. cows 47.00-51.75, few 54.00, Cutter & Boning Utility 46.00-50.75, Canner & Low Cutter 42.00-45.75, Shells down to 40.00. Yield Grade No. 1, 1200/1860 lbs. sl. bulls 56.00-62.50, No. 2, 800/1200 lbs. 52.00-55.75. Feeder Cattle: Few 400/750 lbs. steers 60.00-80.00. Few 400/800 lbs. heifers 50.00-62.00. Few 400/850 lbs. bulls 48.00-67.00.

CALVES 204...Choice vealers 100.00-114.00, Standard and Good 90/110 lbs. 70.00-85.00, 60/90 lbs. 60.00-70.00. Farm Calves: Holstein Bulls 90/125 lbs. 100.00-148.00; Hol. heifers 90/120 lbs. 90.00-125.00.

HOGS 334...Barrows and gilts: US No. 1-2, 215/245 lbs. 41.00-42, No. 1, 225/245 lbs. 42.00-42.75, 1-3 200/250 lbs. 40.00-41, 2-4 190/270 lbs. 38.00-40.00. US No. 1-3 275/600 lbs. sows 27.00-29.00, few light weights to 37.00, 2-3 275/575 lbs. 22.00-27.00. Boars 25.75-28.00.

FEEDER PIGS 300...US No. 1-3 20/40 lbs. feeder pigs 15.00-25.00, 40/60 lbs. 25.00-32.00 --- all per head.

SHEEP 82...Choice 80/110 lbs. wool slaughter lambs 63.00-75.00, Good 60/80 lbs. 58.00-65.00, few Choice 40/60 lbs. 200.00-235.00. Slaughter ewes 19.00-36.00.

GOATS 8...34.00-85.00.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 13, 1988
Report Supplied by PDA

CATTLE 174...PDA...Compared with last Tuesday's market: Slaughter cows mostly steady to .75 higher. One Select slaughter steer 65.25; one Choice holstein 64.75, two Select 60.25&61.25, few Standard 59.25-62.50. One Choice holstein heifer 50.00, few Select 56.00-66.75, one holstein 55.75, few Standard 44.25-57, few Utility 37.25-46.25.

Breaking Utility & Commercial sl. cows 47.00-49.75, few 51.75, Cutter & Boning Utility 43.75-48.75, few to 50.00, Canner & Low Cutter 39.50-43.50, few 44.25, few Shells down to 34.25. Few Standard sl. bullocks 54.00-57.75. Feeder Cattle: Few Medium Frame No. 1-2, 745/825 lbs. steers 60.50-64.50.

CALVES 212...Vealers uneven. Few Choice vealers 99.00-101.00, few Good 63.00-94.00, Standard & Good 85/110 lbs. 66.00-73.00, 70/85 lbs. 60.00-68.00, Utility 60/110 lbs. 50.00-60.00. Farm Calves: Hol. Bulls 85/135 lbs. 73.00-138.00, Hol. Heifers 90/110 lbs. 68.00-125.00. Few Beef cross bulls & heiers 70/100 lbs. 62.00-105.00.

HOGS 189... Supply included 44 sows, Barrows and gilts $2 to $4 higher. US No. 1-2 210/260 lbs. 42.50-43, 1-3 215/240 lbs. 40.85-42, small lot 43.10, few 2-3 250/260 lbs. 40.85-41, few 3-4 200/225 lbs. 29.00-30.75, 1-3 165/175 lbs. 30.00-34.50. Sows .50 to $1 higher. US No. 1-3 285/625 lbs. sows 26.00-29, few 30.50, few Medium 265/555 lbs. 14.0-23.50. Few Boars 23.00-24.00.

FEEDER PIGS 26...Lot US No. 1-3 27 lbs. feeder pigs 51.00, lot 30 lbs. 31.00(included few ruptures)....all per hundredweight.

SHEEP 1...One Slaughter buck 17.00.

GOATS 2...Medium 21.00 and 24.00 --- all per head.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, December 14, 1988
Report Supplied by PDA

CATTLE 100...PDA...Compared with last week: Couple Standard slaughter steers 59.25 & 61.25. Select holstein heifer, individual 63.25. Breaking Utility and Commercial slaughter cows 46.50-50.50, Cutter and Boning Utility 46.00-49.00, few Canner and Low Cutter 40.00-43.50, Shells down to 37.00. Couple Yield Grade No. 1, 1500 and 1250 lbs. sl. bulls 54.85 and 58.00.

CALVES 132...Standard and Good 70/95 lbs. 55.00-65.00, couple 67.00, Utility 60/85 lbs. 45.00-60.00. Farm Calves: Holstein Bulls 90/125 lbs. 70.00-146.00, mostly 100.00-130.00; few Hol. Heifers 95/120 lbs. 73.00-75.00.

HOGS 137...US No.1-3 205/245 lbs. barrows and gilts 43.00-44.10, lot 1-3 195 lbs. 41.25. Few US No. 1-3 360/450 lbs. sows 26.50-36.00, few Medium 300/400 lbs. 20.00-27.50. Boars, individual's 20.00 & 25.50.

FEEDER PIGS 126...US No. 1-3 30/60 lbs. feeder pigs 15.000-21.00 --- all per head.

SHEEP 16...Few Choice 55/75 lbs. new crop lambs 99.00-118.00, few Choice 85/115 lbs. 64.00-74.00. Few Slaughter ewes 24.00-38.00.

GOATS 6...Few Large 44.00-58.00 - per head. HOLSTEIN DAIRY COWS $590.00-$1060.00 --- ALL PER HEAD.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Dec. 13, 1988
Report Supplied by Auction

BEEF COWS: UTILITY AND COMMERCIAL 45.50-49.50 CUTTERS 41.00-45.00; CANNERS 35.00-40.00; SHELLS 32.00 LOW.

HEIFERS: GOOD 61.00-63.75; STANDARD 56.50-59.00; COMMERCIAL 51.00-54.00.

STEERS: SELECT 59.00-60.50; STANDARD 53.00-56.00.

BULLS: GOOD 53.00-56.00; STANDARD 50.50-52.00.

FEEDER CATTLE: NOT ENOUGH TO TEST.

VEAL CALVES: GOOD 75.00-82.00; STANDARD 65.00-74.00; UTILITY 40.00-64.00.

FARM CALVES: BULLS 100.00-139.00; HEIFERS 90.00-110.00.

HOGS: NOT ENOUGH TO TEST.
SOWS: NOT ENOUGH TO TEST.
BOARS: NOT ENOUGH TO TEST.
SHOATS: NOT ENOUGH TO TEST.
LAMBS: NOT ENOUGH TO TEST.
SHEEP: NOT ENOUGH TO TEST.
GOATS: NOT ENOUGH TO TEST.

Peoria Cattle

Peoria, Illinois
Thursday, December 15, 1988

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE CATTLE: 25 NOT ENOUGH SALES OF ANY CLASS FOR A MARKET TEST.

Make every kernel count.

Hardy Brand Hybrid Corns are varieties for these times, when reduced acreage and slimmer profit margins are your big concerns. We've built a strong reputation on our outstanding yields, superior standability and high disease tolerance. Get the best return on your investment. Go with Hardy Brand!

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Lancaster, PA 17602
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K & K FEED
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Dewart Livestock Auction

Dewart, Pa.
Monday, December 12, 1988
Report Supplied by PDA

CATTLE 59...PDA...Compared with last Monday's market: Slaughter cows strong to $2 higher. Couple Select slaughter steers 55.00 and 55.50. Few Breaking Utility & Commercial sl. cows 45.85-47.75, Cutter & Bon. Utility 45.75-50.00, few Canner & Low Cutter 40.00-43.75, Shells down to 38.50. Couple Yield Grade No. 2, 918 lbs. sl. bulls 48.00 and 1025 lbs. 54.75.

CALVES 185...Standard & Good 70/100 lbs. vealers 65.00-72.00, Utility 60/85 lbs. 60.00-65.00. Farm Calves: Holstein Bulls 90/125 lbs. 75.00-141, mostly 80.00-130.00, few Hol. Heifers 100/130 lbs. 75.00-115.00.

HOGS 51...One Lot US No. 1-3 218 lbs. barrows and gilts 40.00, lot 2-3 285 lbs. 32.00. US No. 1-3 320/640 lbs. sows 25.50-30.00. One Boar 25.00.

FEEDER PIGS 53...Couple Lots US No. 1-3 20 lbs. feeder pigs 9.00 and 10.00, 30/50 lbs. 19.00-25.00 --- all per head.

SHEEP 3...Few Choice 80/105 lbs. fall slaughter lambs 70.00-80.00.

GOATS 0...No Market Test.

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 12, 1988

CATTLE: 427 HEAD. SLAUGHTER STEERS 71. CHOICE & PRIME 69.00-75.25; GOOD & CHOICE 66.00-71.50; GOOD & CHOICE — HOLSTEIN 60.00-65.25; STANDARD & GOOD — HOLSTEIN 53.00-60.50. SLAUGHTER HEIFERS 60. CHOICE 66.00-72.75; GOOD & CHOICE 65.00-71.50; STANDARD & GOOD 56.00-65.00. COWS 198. UTILITY & COMMERCIAL 43.00-47.75, FEW TO 50.00; CUTTER & BONING UTILITY 42.00-48.25, FEW TO 51.00; CANNER & LOW CUTTER 42.50 & DOWN. BULLS 22 — ALL WEIGHTS YIELD GRADE 1 54.00-61.50; YIELD GRADE 2 48.00-55.00.

STOCKER CATTLE 76 — ALL WEIGHTS STEERS — MEDIUM & GOOD 62.00-81.00, LIGHTWEIGHTS UP TO 85.00; HEIFERS — MEDIUM & GOOD 56.00-70.00; BULLS — MEDIUM & GOOD 48.00-64.50, LIGHTWEIGHTS UP TO 70.00; STEERS — HOLSTEIN 52.00-60.00, LIGHTWEIGHTS UP TO 79.00.

CALVES 501 HEAD. GOOD & CHOICE — 125-250 LBS. 90.00-119.00; MEDIUM & GOOD — 125-250 LBS. 72.00-90.50; MEDIUM & GOOD — 80 TO 120 LBS. 68.00-85.00; LIGHT & CULL — ALL WEIGHTS 68.00 & DOWN; HOLSTEIN BULLS — RETURN TO FARM UP TO 146.00, MOSTLY 120.00-140.00; HOLSTEIN HEIFERS — RETURN TO FARM UP TO 127.00, MOSTLY 90.00-112.00.

LAMBS, SHEEP & GOATS 84. CHOICE LAMBS 65.00-70.00; MEDIUM & GOOD LAMBS 56.00-67.00; LIGHT LAMBS 67.00-77.00; SHEEP, EWES & BUCKS 18.00-25.00; GOATS — ALL SIZES (BY HEAD) SMALL 18.00-29.00, LARGE 30.00-61.00.

HOGS: 148. NO. 1-3 BUTCHER HOGS — 190-225 LBS. 38.00-40.50; NO. 1-3 BUTCHER HOGS — 225-250 LBS. 40.00-41.00; NO. 1-3 BUTCHER HOGS — 250-300 LBS. 34.00-38.50; GOOD BUTCHER SOWS — 400 LBS. DOWN 28.00-32.75; GOOD BUTCHER SOWS — 400 POUNDS UP 26.50-32.50; HEAVY BOARS — OVER 300 POUNDS 24.00, LIGHT 27.00-30.00; PIGS — ALL SIZES (BY HEAD) 10.00-18.00.

SALE EVERY MONDAY AFTERNOON AT 2:00 P.M. & THURS. AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURS. AT 11:30 A.M.

SPECIAL FEEDER PIG SALE SAT., DEC. 17 AT 1:00 P.M.

HAY & STRAW 17 LOADS.

ALFALFA- 82.00-102.00; MIXED-75.00-90.00; STRAW- 51.00-62.00.

Peoria Cattle

Peoria, Illinois
Thursday, December 15, 1988

TRADING AND DEMAND MODERATE. COMPARED WITH LAST WEEKS CLOSE SLAUGHTER STEERS AND HEIFERS SOLD .50 TO 1.00 LOWER, INSTANCES 1.50 LOWER ON HEIFERS. BULK OF SALES MONDAY WITH NO CLASS WELL TESTED LATER IN THE WEEK. IN MODERATE TRADING, SLAUGHTER COWS SOLD STEADY TO WEAK. BULLS STEADY TO FIRM. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 17% COWS. ESTIMATED RECEIPTS THIS WEEK ABOUT 1400 AS COMPARED WITH ACTUAL RECEIPTS OF 1614 A WEEK AGO AND 1382 A YEAR AGO.

SLAUGHTER CLASSES: STEERS: CHOICE 2-4, MOSTLY 3, 1050-1200 LBS. 69.50-71.00 900-1050 LBS. 68.00-69.50 SELECT & CHOICE 2-3, 1000-1200 LBS. 66.00-69.00.

HEIFERS: CHOICE 2-3 FEW 1050-1150 LBS. 70.00-70.50 CHOICE 2-4, MOSTLY 3, 1100-1225 LBS. 69.50-70.00 950-1100 LBS. 68.50-70.00 800-950 LBS. 67.00-69.00 SELECT & CHOICE 2-3, 900-1100 LBS. 65.00-68.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 40.00-42.00 CUTTER AND BONING UTILITY 1-2 40.00-48.00 CANNER AND LOW CUTTER 1-2 34.00-42.00.

BULLS: YIELD GRADE 1-2 1500-2100 LBS. 54.00-60.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 12, 1988
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 236 HEAD OF HORSES, MULES AND PONIES. MARKET STEADY.

DRIVING HORSES 400.00-1075.00.
RIDING HORSES 250.00-500.00.
HEAVYWEIGHT KILLERS 235.00-300.00.
LIGHTWEIGHT KILLERS 350.00-475.00.
MARE PONIES 35.00-70.00.
COLTS 15.00-30.00.
GELDING PONIES 35.00-70.00.
LARGER PONIES 115.00-200.00.

HAVING SOIL PROBLEMS?

Here's A Timely Tip...

Apply lime on frozen ground

Lime can be applied almost anytime, however winter months are ideal because the ground is firm and the freezing and thawing action helps to disseminate the lime in the soil

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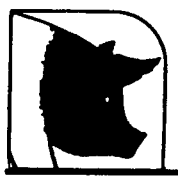

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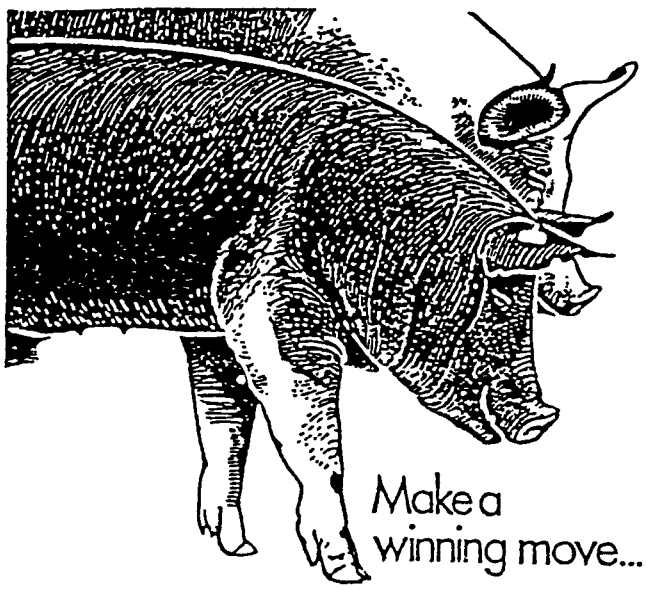

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Garden Spot Tobacco Warehouse
717-354-6934 from 8 to 5
or at the Quarryville Location
717-786-7043

Have A Very Merry Christmas
Thank you, Ron Bowen

(Continued from Page A3)

of Friday's USDA Cattle on Feed Report which pre-estimates indicate will show light placements and and moderate marketings during the month of November. Spill over from live cattle and continued commodity fund buying supported feeders. Further buying was attributed to an increase in the cash index price. Pre-Estimates for Friday's USDA Cattle on Feed Report are as follows: AVERAGE RANGE On Feed Dec. 1st 95.2% 93.5 - 97.0% Nov. Gross Placements 103.5% 95.0 - 108.8% Nov. Marketings 100.9% 97.0 - 104.0%.

CME FEEDER CATTLE SETTLEMENT PRICE: 12/12/88-$82.63 up $ .13.

ACRES NEXT DAY OUTLOOK: cash - steady to firm futures-steady to higher.

ACRES HOG UPDATE: Live hog futures settled higher again today supported by strong wholesale pork prices. Further buying was linked to ideas tomorrow's cash market openings would be firmer. Improved packer operating margins helped to firm futures with large gains trimmed by continued heavy marketings. Overbought conditions in the February and March options added further pressure. Bellies closed mostly higher on improved fresh belly prices. December Live Hogs closed 68 points higher at $43.20.

ACRES NEXT DAY OUTLOOK: cash - steady to higher futures - steady to higher.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Dec. 15, 1988

RETURN TO FARM CALF 100.00-152.00.
GOOD VEAL 75.00-100.00.
COMMON VEAL 40.00-79.00.
CHOICE STEERS 69.00-74.25.
SELECT STEERS 62.00-70.25.
COMMON STEERS 51.00-61.00.
COMMERCIAL COWS 47.00-53.50.
CANNERS-CUTTERS 41.00-49.00.
SHELLS 38.00-43.00.
CHOICE HEIFERS 66.00-71.50.
GOOD HEIFERS 59.00-65.00.
COMMON HEIFERS 49.00-58.00.
GOOD FEEDERS 70.00-85.00.
COMMON FEEDERS 42.00-68.00.
BULLS 48.00-60.00.
GOOD HOGS 41.85-43.50.
SOWS 26.00-30.00.

Good's Hay

Leola, Pa.
Wed., Dec. 14, 1988
Report Supplied by Auction

ALFALFA: 60.00-135.00.
MIXED HAY: 99.00-119.00.
TIMOTHY: 89.00-130.00.
STRAW: 66.00-85.00.
CORN: 1 LOAD AT 123.00.
OATS: 2.70-3.20 bu.
MEADOW GRASS: 1 LOAD AT 89.00.
REEDS CANARY GRASS: 1 LOAD AT 87.00.

Oklahoma City Feeder Cattle Weekly

Oklahoma City, Okla.
Wednesday, December 14, 1988

WEEKLY CATTLE SUMMARY: COMPARED WITH LAST WEEKS CLOSE---FEEDER STEERS UNDER 600 LB. AND HEIFERS UNDER 550 LB. STEADY TO 2.00 LOWER; STEERS OVER 600 LB. AND HEIFERS OVER 550 LB. CLOSED STEADY TO 1.00 LOWER. YEARLING DEMAND MODERATE LATE; GOOD EARLY. CALF DEMAND MODERATE. BIG INCREASE IN YEARLING NUMBERS INCLUDING NUMERIOUS LOAD-LOTS COMING OFF OF FALL WHEAT PASTURE. CALF PERCENTAGE DOWN SHARPLY, SIGNIFYING REDUCTION OF THIS FALLS RUN. SLAUGHTER COWS 50 CENTS TO 1.00 HIGHER. SLAUGHTER BULLS 2.00-3.00 HIGHER. LIGHT RUN OF COWS AND BULLS SOLD TO GOOD DEMAND. RECEIPTS THIS WEEK 7,650 HEAD; LAST WEEK 11,046; LAST YEAR 4,844. CONSIST OF SUPPLY: 60% YEARLING FEEDER STEERS AND HEIFERS; 34% FEEDER STEER AND HEIFER CALVES; 6% COWS AND BULLS. BULK QUOTES FOR THE WEEK FOLLOW:

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 200-300 LB. 110.50-125.00; 300-400 LB. 107.50-112.50; 400-450 LB. 98.50-111.50; 450-500 LB. 94.00- 99.50; 500-600 LB. 88.25-94.00; 600-700 LB. 85.00-89.00; 700-750 LB. 84.50-88.50; 750-800 LB. 82.00-86.25; 800-850 LB. 80.50-83.50; 850- 900 LB. 77.75-81.25. HOLSTEIN STEERS--LARGE FRAME 2, 525-700 LB. 72.50-77.00; 700-850 LB. 70.25-74.00.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 200-300 LB. 90.50-106.00; 300-400 LB. 94.00-102.00; 400-450 LB. 87.50-98.00; 450-500 LB. 84.00- 89.50; 500-600 LB. 80.50-84.75; 600-700 LB. 78.25-83.00; 700-750 LB. 77.25-80.25; 775-850 LB. 74.00-75.00.

SLAUGHTER COWS: CLOSING BULK--BREAKING UTILITY, BONING UTILITY, AND CUTTER 1-4 44.00-49.50. CANNER AND LOW DRESSING CUTTER 39.50-43.75.

SLAUGHTER BULLS: Y.G 1, 1100-1900 LB. 55.00-60.50; HIGH DRESSING AND BONING 60.75-66.00, IND 2100 LB. 68.00.

REPLACEMENT OR FEEDER COWS: PRE TESTED FOR BANGS, AGE, &/OR PREGNANCY. SMALL THRU LARGE FRAME NO. 1 MUSCLED: 1-5 YEAR OLD 775-1100 LB. OPEN TO 4 MONTHS BRED 53.00-72.75/CWT. 6-8 YEAR OLD 750-1125 LB. 3 TO 7 MONTHS BRED 49.25-59.50/CWT. 8-10 YEAR OLD 775-1050 LB. 2 TO 5 MONTHS BRED 42.50-48.00/CWT.

Frederick Livestock Auction

Frederick, Md.
Monday, Dec. 12, 1988
Report Supplied by Auction

BUTCHER COWS: HIGH YIELD 47.00-49.00; STANDARD 43.00-47.00; CANNERS 39.00-43.00; SHELLY 39.00 DOWN.

BULLS: YG#2 51.00-54.25.

STEERS: SELECT 60.00-66.25; STANDARD 52.00-60.00.

HEIFERS: MEDIUM 50.00-56.00.

BUTCHER HOGS: 210-230 LBS. TO 39.75; 300-350 LBS. 33.00-37.00.

SOWS: 300-600 LBS. 25.00-27.50; THIN SOWS 23.00-25.00; BOARS UP TO 23.75.

VEAL CALVES: GOOD AND LOW CHOICE 80.00-93.00; STANDARD 70.00-90.00; 80-120 LBS. 68.00-75.00; CULL CALVES 50-80 LBS. 62.00-68.00; WEAK AND ROUGH 60.00 DOWN.

CALVES RETURNING TO FARM: HOLSTEIN HEIFERS 90-120 LBS. 85.00-99.00; HOLSTEIN BULLS 85-90 LBS. 75.00-80.00; 95-120 LBS. 110.00-147.00.

LAMBS: CHOICE 60.00-62.50; LIGHTWEIGHTS TO 73.00.

GOATS: 45.00-49.00.

STOCK CATTLE: STEERS 500-800 LBS. 71.00-76.00; HEIFERS 300 LBS. TO 75.50; 500-800 LBS. 58.00-70.00.

BULLS: 500-700 LBS. 65.00-78.00.

DAIRY COWS, FRESH 455.00-590.00.

SPRINGING HEIFERS: 600.00-760.00.

PIGS BY THE HEAD: SMKALL, 8.00-20.00.

Peoria Sheep

Peoria, Illinois
Tuesday, December 13, 1988

FEDERAL-STATE MARKET NEWS FLASH, MIDSESSION AND CLOSE SHEEP: 100 TRADING MODERATE. COMPARED WITH LAST TUESDAY SLAUGHTER LAMBS STEADY. NOT ENOUGH SLAUGHTER EWES FOR A MARKET TEST.

SLAUGHTER LAMBS: CHOICE AND PRIME 95-125 LBS. 60.00-63.00.

Indiana Livestock

Homer City, Pa.
Thursday, December 15
Report supplied by PDA

CATTLE: 130. Cows mostly 1.00 higher; few Select steers 63.75-66.00; few Low Yielding 66.50-63.50; 1 Choice heifer 67.50; few Select 61.00-63.00; Utility 48.00-52.00; cows Breaking Utility & Commercial 46.00-50.00; Cutter & Boning 43.75-48.25; Canner & Low Cutter 37.00-44.00; shells 28.00; few YG 1, 1180-1605 lb. bulls 54.50-57.75.

FEEDER CATTLE: Few Med & Large 1, 665-1000 lb. steers 63.00-69.00; Med. 1, 300-545 lb. heifers 65.00-71.00; few Med. & Large 1, 560-970 lb. 52.00-58.50; Med. 1, 410-555 lb. bulls 65.50-75.50.

CALVES: 149. 1 Choice 99.00; few Good 76.00-85.00; 90-120 lb. Standard & Good 65.00-75.00; 60-85 lb. 56.00-72.00; Utility 45-70 lb. 30.00-53.00; hol. bulls 90-135 lb. 80.00-142.00.

HOGS: 142. 5.00-6.00 higher; 1-2, 230-245 lb. 44.50-45.00; 1-3, 215-265 lb. 43.00-44.75; 1 lot 1-3, 200 lb. 42.00; sows 2.00-3.00 higher; 1-3, 345-750 lb. 32.25-36.00; 2-3, 375-580 lb. 28.00-31.50.

FEEDER PIGS: 34. 1 lot 1-3, 60 lb. 36.00; 30-50 lb. 10.50-18.00; all per head.

SHEEP: 77. Choice & Prime 95-125 lb. 67.00-70.50; few 145-180 lb. 49.00-54.50; Good & Choice 45-70 lb. feeder lambs 69.50-76.00; few sl. ewes 18.00-25.00.

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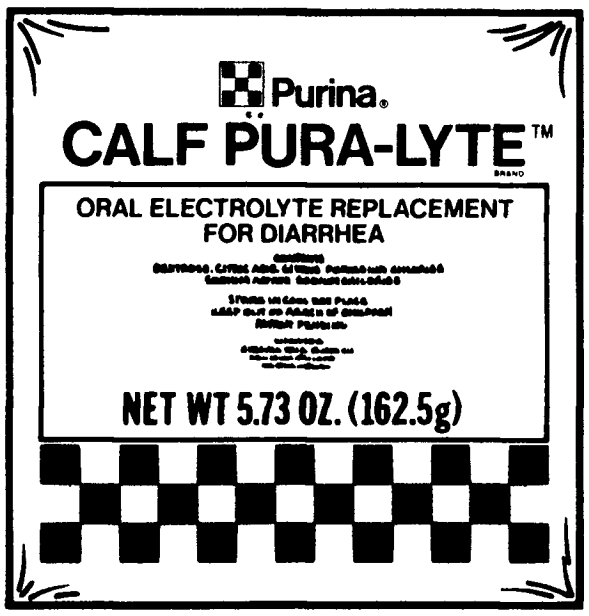

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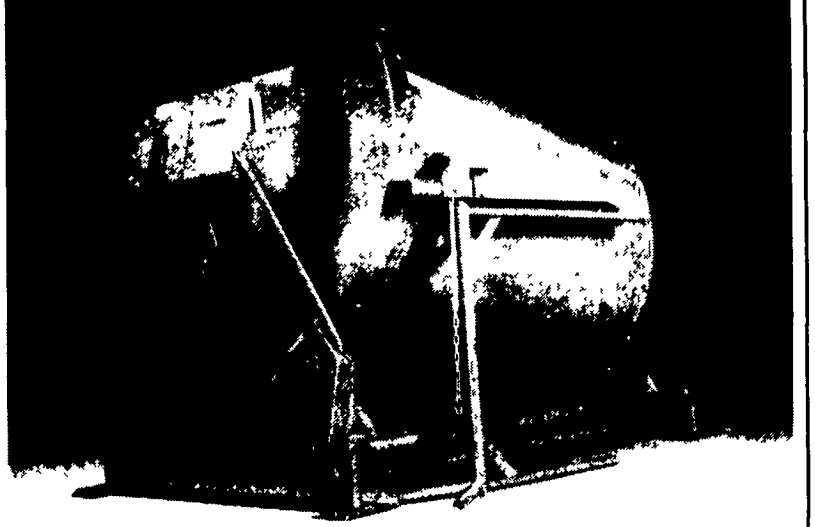

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Maryland Governor Announces Plans For New Ag Laboratory

ANNAPOLIS, MD. — Governor William Donald Schaefer announced today Board of Public Works approval of a $7.13 million construction contract to build a laboratory addition to the Maryland Department of Agriculture (MDA) headquarters in Annapolis.

Chaired by the governor, the Board of Public Works also comprises Comptroller Louis L. Goldstein and Treasurer Lucille Maurer. The board is empowered by the General Assembly to approve major construction contracts, equipment purchases, property transactions and other procurement actions.

The contract totals $7,131,400 and calls for construction of a two-story, brick and concrete 46,000 square foot addition to the Department of Agriculture headquarters building at 50 Harry S. Truman Parkway, Annapolis.

The laboratory addition will allow the Maryland Department of Agriculture to move its State Chemist and Weights and Measures testing labs from outdated facilities on the University of Maryland's College Park Campus. It will also provide additional laboratory space for the Department's Pesticide Regulation and Plant Protection sections.

"This laboratory addition to the Maryland Department of Agriculture will allow two of the agency's oldest consumer protection functions to have first-class modern facilities vital to their missions in protecting the public," the governor said.

"Maryland government has been in the weights and measures protection business since colonial times and today's state chemist section traces its origins to 1833. It is important that both of these functions have the best testing facilities possible to keep up with the vast technological changes in our society and industry," he added.

Typical of the work that will be done in the new facilities is the testing and calibration equipment used to check scales, meters and the vast number of other measuring devices used in wholesale and retail commerce throughout the state. The state chemist section of MDA tests human foodstuffs, pet foods, feed fertilizers, soil conditioners, pesticides and many other products to insure they confirm to label guarantees and safety standards.

The laboratory addition was planned as phase two of the original MDA complex which was built in 1982-83.

"One of the goals of the Maryland Department of Agriculture since its founding in 1972, was to combine all its administrative and master laboratory functions into one modern complex," said Secretary of Agriculture Wayne A. Cawley, Jr. "Thanks to Governor Schaefer and the Board of Public Works, we will not realize the last major step in that process."

The contract was awarded to Eugene Simpson & Brother of Alexandria, Va. Design of the laboratory addition was done by Richter, Cornbrooks, Gribble and Henry Adams, Joint Venture of Baltimore.

Bitlers Named To NMPF Advisory Council

SOUTHAMPTON (Bucks) — David and Phoebe Bitler of Fleetwood were elected to serve a one-year term on the National Milk Producers Federation (NMPF) Young Cooperator Advisory Council. The announcement was made Nov. 28 at the organization's annual meeting in Anaheim, Calif.

The Young Cooperator Advisory Council is responsible for planning and overseeing the National Young Cooperator program, which is held in conjunction with NMPF's annual meeting. The program is designed for farm couples under age 36, who are selected by their respective dairy cooperatives.

Sponsored by Atlantic Dairy Cooperative, the Bitlers were elected to represent Region I and to serve as secretary of the Advisory Council. One of five nationwide divisions, Region I includes dairy cooperatives located in the Northeast, from Maine to Maryland.

The Bitlers are the sole owners of their 349-acre farm. They milk approximately 90 registered Holstein cows and raise an additional 85 young stock, as well as purebred dairy bulls and dairy beef.

David and Phoebe earned their trip to NMPF's annual meeting by placing first in Atlantic's 1988 Young Cooperator Contest. They are currently serving a three-year term on Atlantic's Young Cooperator Consultant Committee.

Greencastle Livestock

Greencastle, Pa.
Thursday, December 15
Report supplied by PDA

CATTLE: 380. Cows 1.75-3.50 higher; few Select & Low Choice 1100-1200 lb. steers 69.25-71.75; few Select 65.25-68.25; few Standard 53.85-59.00; few Select & Low Choice heifers 62.50-69.00; cows Breaking Utility & Commercial 47.75-51.75; Cutter & Boning 47.00-51.75; Canner & Cutter 42.75-47.25; shells 39.50; YG 1, 1100-1700 lb. bulls 54.50-59.85.

FEEDER CATTLE: Med. 1, 300-625 lb. steers 68.00-86.00; lot Large 2, 900 lb. 56.75; few Med. 1, 350-700 lb. heifers 60.00-73.00; Med. 1, 300-625 lb. bulls 68.00-86.00.

CALVES: 549. Standard & Good 70-100 lb. vealers 64.00-71.00; Utility 60-90 lb. 58.00-65.00; hol. bulls 80-85 lb. 72.00-95.00; 90-125 lb. 100.00-162.00; heifers 100-125 lb. 100.00-115.00.

HOGS: 13. Few US 1-3, 360-610 lb. sows 26.25-31.00.

FEEDER PIGS: 30. No market test.

SHEEP: 43. 1 lot Large Choice 113 lb. shorn lamb 71.00.

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Kelly Has Top Herd Average In Blair DHIA

HOLLIDAYSBURG (Blair) — Two milk producers recorded more than 800 pounds of butterfat for 1988 in Blair County DHIA. Thomas W. Kelly hit 860 pounds of butterfat and Clover Will Farms made 803 pounds in their herd average.

Kelly also ranked highest in protein production at 687 and Clover Will Farms took second with 674 pounds.

Top Herds In Butterfat

Owner	Pounds
Thomas W. Kelly	860
Clover Will Farm	803
Fred and Gary Bechtel	755
Fidelity Holsteins	748
Marcove Farm	744

Top Herds In Protein

Thomas W. Kelly	687
Clover Will Farm	674
Penn-England	644
Overlane Farm	636
Fred & Gary Bechtel	633
Baker Farm	633

Greatest Increase-Butterfat

Richard Eastep	120

Greatest Increase-Milk

Richard Eastep	3,446

Greatest Increase-Protein

Richard Eastep	116

Top 5-Year-Olds Butterfat

Clover Will Farms	1031
Mike & Carol Hoover	938
William England	933
Pleasant View Farms	923
Rich Lou Farms	887

Top 5-Year-Olds Protein

William England	785
Clover Will Farms	784
Clover Will Farms	746
Clover Will Farms	739
Clover Will Farms	731

Top 2-Year-Olds Milk

William England	25,103
Clover Will Farms	24,206
Thomas Kelly	24,030
Clover Will Farms	23,862
Rich Lou Farms	23,532

Five High Cows Milk

Thomas Kelly	Brill	33,129
Thomas Kelly	Bonnie,	30,887
Clover Will Farms	53C,	29,723
Thomas Kelly	Jenny	29,504
Emilie Dilling	281	29,241

Five High Cows Butterfat

Thomas Kelly	Brill	1,203
Thomas Kelly	Joanne	1,181
Blackcrest Farms	137	1,126
PA Fair Valley Farm	Minerva	1,079
Thomas Kelly	Jenny	1,079

Five High Cows Protein

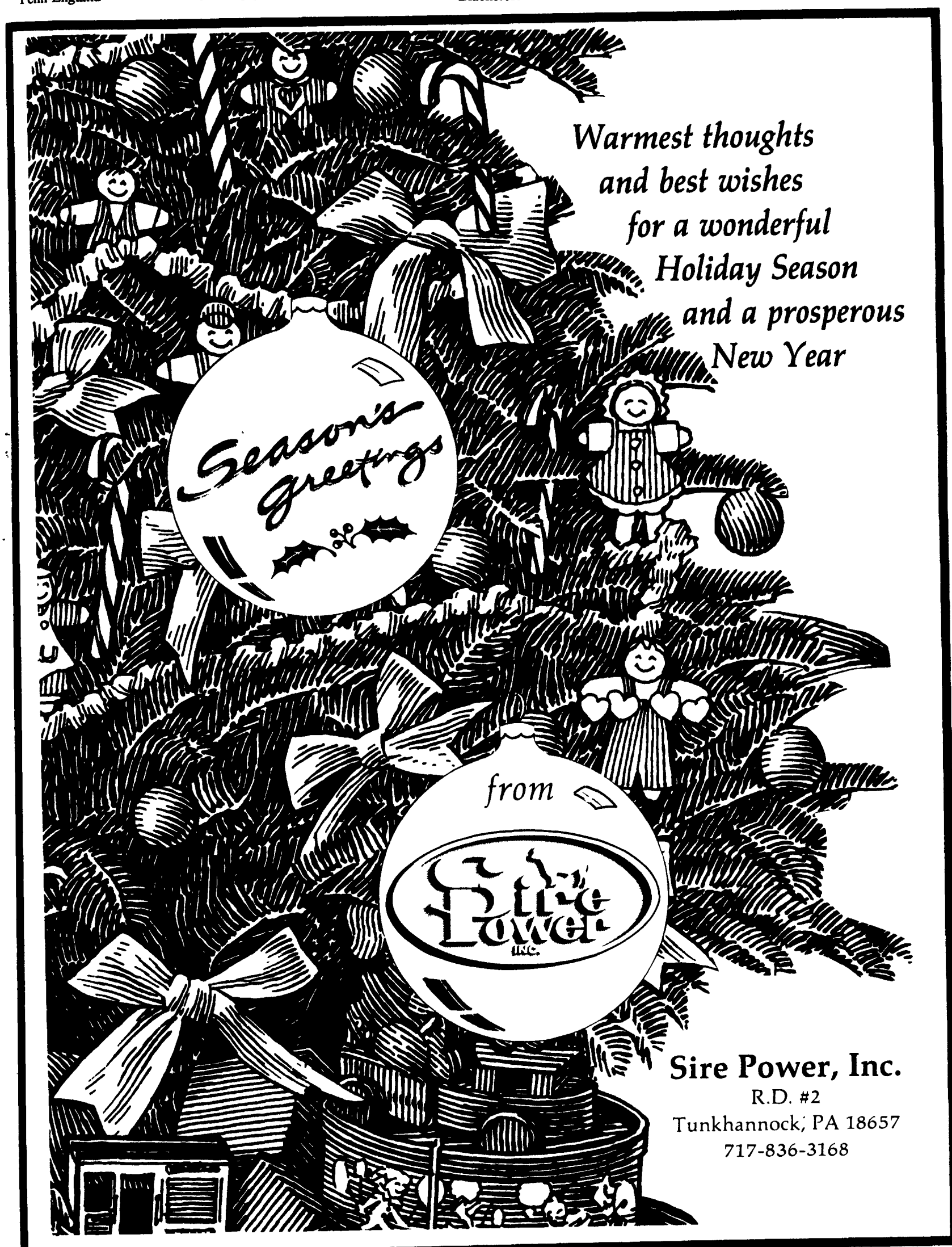
Phillip Pheasant	Bell	1,019
Thomas Kelly	Brill	984
Clover Will Farms	6F	898
Emilie Dilling	281	896
Thomas Kelly	Jessie	866

Ten High Cows Lifetime Butterfat

William England	303	7,976
Burket Falls Farm	Cher	7,742
Marcove Farm	Luel	7,622
Mary Walter Farm	0831	7,608
Marcove Farm	Judy	7,482
Penn England	Sacha	7,348
Mike & Carol Hoover	Bobby Jo	7,273
Joe McCutcheon	34y	7,129
Mary Walter Farm	0845	7,117
Mike & Carol Hoover	Ivy	7,113

Five Low Herds Somatic Cell Count

Dale Hoover	102,000
Clover Will Farm	112,000
Kenneth & Debra Rush	119,000
William England	121,000
Jay Ray Farms - Jay Ferry	130,000



Schuylkill County Conservation District Receives Grant

POTTSVILLE (Schuylkill) — The Schuylkill County Conservation District has received a grant of $128,000 for agricultural conservation work in the Swatara Creek Watershed. The allocation was the highest in the state distributed by the Department of Environmental Resources for 1989. State funding is available under the Chesapeake Bay Program for watersheds in the Susquehanna River Basin.

The money will be used to pay for 80 percent of the cost of installation of conservation practices on farms within the Swatara Creek Watershed, located in the Southwest corner of the county. Eligible farms may receive up to $30,000 for installing diversions, waterways, agricultural waste facilities, terraces, cover crops, and permanent vegetative cover among others.

The program is designed to reduce the amount of sediment and nutrients that are reaching the Chesapeake Bay. The Environmental Protection Agency has deemed a 40 percent reduction in nutrients by the year 2000 necessary to help restore the bay's ecology. Agriculture is a major contributor of these nutrients. Nitrogen and Phosphorus leave the farm from excess fertilizer application and animal wastes.

For more information contact The Schuylkill Conservation District at 429-1744.

Governor Robert Casey signs the Farmland Preservation bill in front of legislative, farm and agri-business leaders. Seated with the governor are (left) Samuel Morris, chief house sponsor; and Noah Wenger, chief senate sponsor. At the same ceremony, the governor also signed the new animal health bill.

Governor Signs Farm Legislation

HARRISBURG — Gov. Robert P. Casey today signed landmark agricultural legislation establishing a $100 million farmland preservation program.

The governor also signed a bill creating a new state agency to combat livestock disease.

"The farmland preservation bill marks the culmination of more than 20 years of work to save Pennsylvania's precious farmland," said Gov. Casey, as he signed the House Bill 442.

Both House Bill 442 and House Bill 441, which creates the Animal Health and Diagnostic Commission, were sponsored by Rep. Samuel Morris (D-Chester), chairman of the House Agriculture and Rural Affairs Committee.

"Sam Morris is to be commended for his work on these important bills and for his leadership on agricultural issues," Gov. Casey said.

The farmland preservation program establishes a framework for purchasing the development rights of farmland through the use of proceeds from a $100 million bond issue approved by Pennsylvania voters in a November 1987 referendum.

"Pennsylvania has some of the richest farmland in the world," Gov. Casey said, "and every six months, we've been losing an area larger than the City of Pittsburgh.

Gov. Casey said there were 106,000 farms in Pennsylvania in 1960 but only 56,500 remain today.

"Once farmland is lost, it's gone forever," Gov. Casey said. "The law we're putting into place today will help us rescue the land that is the very basis for Pennsylvania's No. 1 industry: agriculture."

The new law establishes the State Agricultural Land Preservation Board in the Department of Agriculture and requires each county participating in the program to form a local board.

Under the program, an agricultural easement can be purchased by the state or county for a 25-year period or for perpetuity.

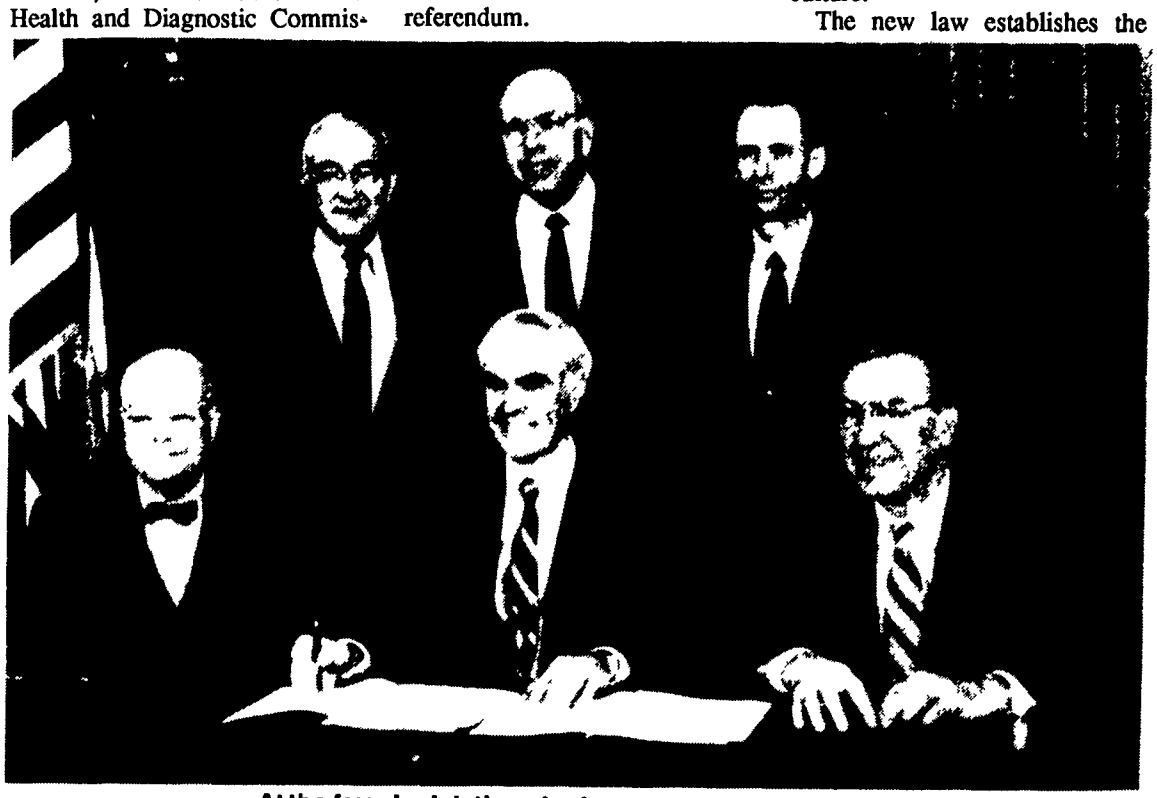
"We have a long agricultural tradition, and I am proud to tell everyone here today that my administration is dedicated to making sure we leave our children and our grandchildren that legacy," Gov. Casey said.

The legislation, which takes effect in 60 days, includes a $75,000 appropriation for administering the program.

The new Animal Health and Diagnostic Commission will be established within the Department of Agriculture.

"It'll help our farmers through a new, coordinated approach to treating and preventing diseases that afflict their livestock," Gov. Casey said.

The 15-member commission, chaired by the secretary of agriculture, will award grants and make recommendations concerning animal health to the General Assembly and the Agriculture Department.



At the farm legislation signing ceremony with Gov. Casey are (standing, left to right) Representative John Broujos, Ag Secretary; Boyd Wolff and Representative Samuel Hayes. Seated: Representative Samuel Morris, Gov. Robert Casey and Senator Noah Wenger.

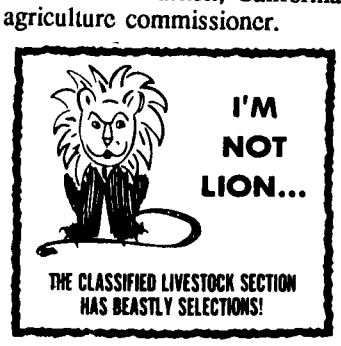
Bush Nominates Yeutter to Head USDA

WASHINGTON, DC — In nominating U.S. Trade Rep. Clayton Yeutter to be the next Secretary of Agriculture, President-elect Bush said. "Our shared national goal of free agricultural trade and expanded agricultural exports abroad will have no greater advocate." Bush said there were "no limits at all" for Yeutter's tenure in the post. The announcement was made at a Press Conference here this week.

Bush said his selection of Yeutter sends a significant message to our trade partners abroad that the U.S. is committted to open markets. Bush also said he was not going to propose substantial cuts in U.S. farm spending. While he said that budget savings might be found in individual farm programs, Bush indicated he favored the 1985 Farm Bill which lowered support prices while keeping relatively strong income supports.

U.S. Congressional farm leaders and lobbyists said Yeutter as Agriculture Secretary will be a strong voice for U.S. farm interests at home and abroad. The sentiment echoed the views of most U.S. farm groups.

With the question answered about the next USDA Secretary, attention has turned to the No. 2 post at the department. It is unclear if the current deputy secretary, Peter Myers, will remain. One name that surfaced hours after the Yeutter nomination was that of Jack Parnell, California's agriculture commissioner.



Bill Signing Climax For Wenger

HARRISBURG — The signing today of legislation establishing a farmland preservation program for Pennsylvania is the culmination of a 10 year commitment by Senator Noah Wenger (R-36) to preserving the Commonwealth's productive farm acreage.

For the past 10 years, Wenger has sponsored and worked on legislation that would protect farmland. The law signed today builds on an existing program, sponsored by Wenger in 1981 while a member of the House of Representatives, which provides for the creation of agricultural security areas within counties. By participating in an agricultural security area, farmers voluntarily decide to preserve their farmland without selling their development rights.

This session, Wenger was the sponsor of Senate legislation that takes this idea one step further by giving farmers monetary incentive to continue farming their land and not sell for development or other non-farming purposes. Wenger was the sponsor of the Senate legislation that utilizes the $100 million approved by the state's voters to establish a preservation program. Although the measure signed into law today is not Wenger's, it does certain essential parts of his original legislation.

"As our leading industry, agriculture is vital to this state, and likewise so is the preservation of the productive land that supplies Pennsylvania with a rich variety of fruits, vegetables and other agricultural products," said Wenger. "I am proud to have worked for this initiative because I believe that we must take steps now to protect the acres of vanishing scenic farmland. This new program will not only benefit the farmers of Pennsylvania but its residents as well by preserving land for future generations."

According to Wenger, up to $20 million could be dispersed among counties each year for the preservation program. Counties will use the funds to purchase agricultural conservation easements to farmland located within recognized agricultural security areas of 500 or more acres. The easements are similar to development rights in that they represent the right to prevent the development or improvement of the land for purposes other than agricultural use.

Farmers who wish to participate would be offered the monetary difference between the value of the land for agriculture and the value of the land for development, but would retain the legal ownership of the land. Criteria for participation is based on the quality of the farmland and the likelihood of development if the land were not preserved. One State Agricultural Land Preservation Board will be created as well as County Agricultural Land Preservation Boards to oversee and administer the program.

"The farmland preservation program enacted today is responsible and fair," said Wenger. "It will allow farmers facing pressures to sell their land to continue farming the rolling spans of farmland we have all been accustomed to seeing, in Lancaster and Chester Counties especially. Today we have taken a great step to ensuring that our citizens will be able to continue enjoying fresh Pennsylvania produce and the scenic open spaces that they deserve.

Conservation Farmer Of The Year

(Continued from Page A1)

conservation plan. He is the first Franklin County farmer to receive the award since the company was designated a conservation district in 1956.

Not surprisingly, Stoner also has won other conservation awards since implementing his conservation plan in 1973. In 1987, he became the first and only Franklin County Conservation Farmer for finishing at least 80 percent of his conservation plan. That same year he also was named the Franklin County Conservation Farmer of the Year, which put him into competition with 65 other county winners for the state award. Stoner received the state plaque at a banquet in October.

To start his conservation plan in 1973, Stoner and several soil and water conservation technicians went over the farm together. The technicians helped Stoner to determine what should be incorporated into his conservation plan.

The pond was the first step. Several thousand feet of tiling were laid in the swampy area. Three drain lines now feed into the pond.

Stoner continued installing tiling and creating contour strips over the years. "I kept at it until it was all done," he said.

When he was done, the farm had 17,000 feet of subsurface drainage (tiling), 2,000 feet of grassed waterways, 100 acres of contour strips, 20 acres of wildlife area, and an agricultural waste-management system.

The grassed waterways are areas that are left in sod between hills. "They're good hay ground," Stoner explained. "They used to be swampy and grown up with briars. Now they don't get spongy." The grassed waterways have tiling on each side.

The wildlife area has been left in trees and brush, and harbors pheasants, rabbits, squirrels and grouse.

The last item in the plan was the concrete-lined manure pit, which was built in 1985.

Now that the plan is completed, Stoner has to maintain the contour strips and waterways, which he said is not much of a problem. "The big thing was getting the drainage done. That can interfere with several contour strips, and it wasn't convenient to farm over," he said.

Even with the inconvenience involved, Stoner speaks highly of drainage tile. "I used to hit wet areas," he said. "Now I can farm over them."

Stoner practices crop rotation with his hay and small grains. His small-grain crop was "terrific" this year, according to Stoner, even with the dry weather. He got more hay than he normally does, even though he lost the second cutting.

Stoner felt he suffered less damage in the drought than other area farmers because he does not grow corn.

"Each farm has to be utilized for what it is," he said. "This is not a corn farm." The farm is located on a slate ridge, and is surrounded by limestone farms. "I have no corn equipment. I buy corn, and I'm just as far ahead," Stoner said.

He feeds the small grains to his 120 sows. He also sells feeder pigs and a few fat hogs. Hay is a cash crop.

While Stoner is a lifelong resident of Franklin County, he was not raised on a farm. He worked for a farmer as a teen-ager in the early 1960s and became interested in conservation tillage. The farmer he worked for was putting in contour strips and Stoner assisted him.

Stoner worked at Grove Manufacturing Company, a manufacturer of hydraulic cranes, for 13 years, leaving as a supervisor in 1979. He bought his farm in 1973 and farmed part time until he quit Grove.

"It was more of a challenge to farm, and I wanted my own business," Stoner said of the reasons for his job switch.

He has managed that business excellently.

He has taken a piece of the earth and improved it. He will leave it in better condition than he found it.

Surely this is what it means to be a steward of the land.

New Year Opportunity

ITHACA, NY — In January 1989, Northeast Dairy Herd Improvement Association members will have the opportunity to try a unique herd information resource for free. Any Northeast DHIA member who has not used the option can sign up for a free Advanced Information Manager (AIM) report through their DHIA Supervisor.

AIM is a program allowing DHIA members to custom-design their own reports to accomplish specific purposes. A farmer can choose from the hundreds of bits of information found on all of the pages of their monthly DHI reports to organize only that information pertinent to a specific task on one list.

For example, if a farmer expects space restraints in the barn due to a good first-calf heifer crop, he may want a list of cows that could possibly be culled when the space problems arise. Using AIM, the farmer could include the information he considers important indicators of good or bad performance and list his cows so the poorer performing animals show up on the report. Then, using the numbers and his common "cow-side" sense, the farmer can choose culling candidates.

Also, to be ready for the veterinarian's monthly reproductive check, a farmer can design a monthly AIM report showing all animals bred but not confirmed pregnant since the last vet check. Other information, such as how many times each animals was bred since the last calving and how many days an animal presumed pregnant has been carrying her calf, can be included. This list would make the job easier for both the farmer and the veterinarian.

AIM reports can make some jobs faster, some decisions easier to make, and some management actions more accurate. If you would like more information about this or any other Northeast DHIA service, contact your DHIA Supervisor or call the DHI Center at 607-257-1272 or toll free 800-344-2697 (NYS), 800-255-5344 (Northeast).

Northeast Dairy Herd Improvement Association is a cooperative providing information to improve the profitability of member dairy farmers' herds. Any dairy farmer in Connecticut, Massachusetts, Maine, New Hampshire, New Jersey, and New York can join the cooperative.

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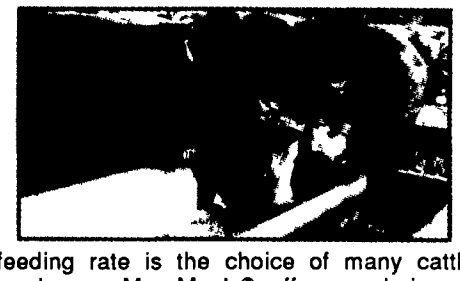

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Book Offers Pictorial Recollection Of Horse-Drawn Era

MILWAUKEE, Wi. — As you turn the pages of "Horses in Harness," you'll find yourself transported back to the years when horses delivered the merchandise, hauled the heavy loads and took people where they needed to go — whether across town or cross country. Browse through this book's 600 photographs, plus illustrations and reprints of articles and advertisements from 50-year-old magazines, and you'll see what we mean.

You'll hear the hoofbeats and whinnies... climb the carriage block into a waiting cabriolet... feel the tug against your hands as your matched pair of carriage horses trots briskly down the boulevard... watch equine muscles knot with the effort of hauling huge loads across mountainous terrain. Your adrenaline will flow at the sight of powerful horses — in their stalls just moments ago — racing down the street with fire engines in tow.

This remarkable compilation of images is the work of Charles Philip "Chappie" Fox, historian and horseman, whose fascination with horses and years of camera work are the fortuitous combination at the heart of this 260-page book. His personal collection of photos gives an intimate look at the horses that were still at work during his childhood — circus horses, draft horses, horses being ridden and pulling carriages and sleighs.

In addition to his own archives, Chappie drew from other private collections, historical societies, libraries, businesses and issues of "Breeder's Gazette" from 1892-1921 — the last 30 years of horses working in harness.

As a result, "Horses in Harness" has a scope and variety seldom found in such collections. Much of the material here is not commonly covered in books about horses, including the in-depth details about livery and private stables, harness, vehicles, performing horses and advertising rigs.

Each time you open this "pictorial recollection", you'll find fresh photos and information to fascinate you — here a promotional parade organizing in a small Wisconsin town... there horse-drawn carriages promenading along Chicago's Lake Shore Drive... here horses drinking from public water fountains in the cities... there 165 horses pulling five grain harvesters across the rolling wheat fields of Washington state.

Decades of Progress

As the author points out, the book "emphasizes how far and how fast America has come in the past 75 years. Those of us who were kids when horse-drawn rigs were commonplace have thrilled to Lindbergh flying the Atlantic — and Armstrong walking on the moon. We saw the passenger train disappear and the Interstate Highway system spread its network across the country," Fox writes.

"It is so easy to forget how things were done a few decades ago. Dipping into the horsedrawn era through this book will bring fleeting nostalgic pleasure to many and a realization to the young men and women of today that there are opportunities galore in the future if you set your mind to it. I hope this book will inspire young people as they realize how little their grandparents had to work with, yet what gigantic strides they made in their day. As a Chinese proverb says, 'Without the past, the present would be formless.' "

Chappie's commitment to preserving the past is as evident in this book as it was during his days as director of the Circus World Musuem in Baraboo, Wisconsin. During his 12 years there, he collected over 125 authentic circus wagons, which led to his crucial role in the re-creation of the renowned Circus Parade in Milwaukee.

His work in this book creates another memorable legacy for those who read it — a lively, vivid summoning up of the days of "Horses in Harness."

To order a copy of "Horses in Harness ," send $11.95 plus $1.00 postage and handling to: Country Store, P.O. Box 572, Milwaukee WI 53201.

"Horses In Harness" offers 600 photographs such as this one showing a farmer using horses to pull a McCormick reaper. In addition to the photographs, many of which are from private collections, the author, Charles Philip "Chappie" Fox writes about the horse-drawn era. The book is published by Country Store in Milwaukee, Wis.

Pennsylvania Holstein Membership Update

STATE COLLEGE (Centre) — The Pennsylvania Holstein Association membership campaign for 1988-1989 is well under way. Each association member should have received their renewal application and hopefully have returned them to get your early renewal discount.

The Membership Committee has established goals for each club and will reward clubs that reach goal with cash awards. Individuals who sign-up five or more new members will receive awards and recognition for their work.

Listed below is each club and the percent of goal they have reached as of December 2, 1988.

Adams	46%	Northumberland/Montour	40%
Armstrong/Indiana	46%	Perry	57%
Beaver/Lawrence	48%	Potter	60%
Bedford	43%	Schuylkill	44%
Berks	48%	Snyder	33%
Blair	43%	Somerset	38%
Bradford	43%	Sullivan	38%
Bucks	48%	Susquehanna	44%
Butler	43%	Tioga	45%
Cambria	31%	Union	50%
Centre	55%	Warren	27%
Chester	45%	Washington/Greene	50%
Clarion/Venango	53%	Wayne	44%
Clearfield	27%	Westmoreland	44%
Clinton	54%	Wyoming/Lackawanna	43%
Columbia/Luzerne	54%	York	40%
Crawford	48%		
Cumberland	48%		
Dauphin	53%		
Erie	43%		
Fayette	37%		
Franklin	48%		
Huntingdon	34%		
Jefferson	53%		
Juniata	46%		
Lancaster	52%		
Lebanon	54%		
Lehigh	42%		
Lycoming	45%		
McKean	50%		
Mercer	42%		
Mifflin	39%		
Montgomery	52%		
Northampton	38%		

Delaware Farmers To Collect On Crop Insurance

NEWARK, DE — "A lot of Delaware farmers will collect on crop insurance claims this year," says Dr. Don Tilmon, University of Delaware Extension farm management specialist. "One estimate is that $5 million dollars in indemnities will come back into the state."

Tilmon says that due to state subsidies, Delaware had three and a half times as much coverage this year as in the past, including about 50 percent of Delaware's potato crop. Potato farmers who are considering insuring next year's crop need to act soon. The deadline for insuring potatoes is still December 31, 1988, not January 31, 1989, as had been discussed.

About 270 Delaware farmers participated in the multi-peril crop insurance program this past season, with 14 percent to 15 percent of eligible acreage in the state insured.

"This is high for the area but low compared to the Midwest, where 40 percent to 50 percent of eligible acreage is insured," Tilmon says.

Delaware endured its third drought in a row this past summer but Tilmon points out that the odds of having a drought in the summer of 1989 will be the same as they were for the summer of 1988 and the two summers before that.

"Odds don't change just because there was a drought the year before," he notes.

Tilmon helps farmers analyze crop insurance and weigh it against other risk-management alternatives. He'll participate in a seminar on December 14 that is designed to familiarize state and federal employees, including Extension personnel, with the latest information on risk-management alternatives for the agricultural community. In addition to information on crop insurance, Tilmon says the seminar will cover irrigation, soil and water conservation and planning, and crop diversity.

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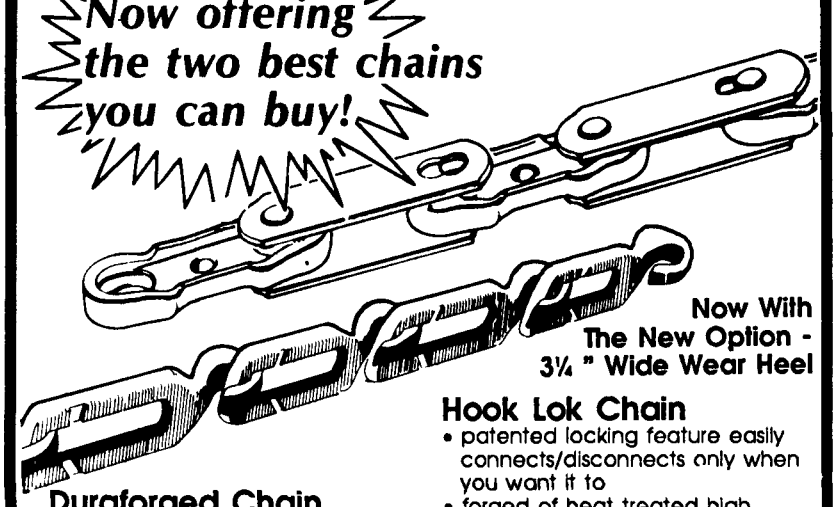

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First Manure-Management Ordinance

(Continued from Page A1)

intent to keep costs within the farmer's limits".

The third and final draft of the ordinance implements the original intent—regulating the number of animal units and disposal of animal waste on farmland to ensure water quality—while clearly defining the responsibilities of the farmers and the enforcing agency.

"The first draft was a little ambiguous," agronomist Michael Brubaker conceded, referring to the model ordinance proposed by the Lancaster Conservation District. "The significant changes in this ordinance from the time it was first proposed include specific wording of the triggering of the ordinance.

"For instance," he added, "the first ordinance was to have been triggered any time there is a 'significant increase in animal units.'"

Violation of the new ordinance occurs when a farmer exceeds 110 percent of his normal seasonal changes in herd size for two consecutive months.

The ordinance also would be triggered if a farmer's herd is in excess of 110 percent of his normal seasonal change at the time the ordinance is enacted. The normal seasonal change of herd size would be calculated using the years 1984-88 as a base.

Under the new ordinance, farmers with a manure-management plan who are operating in excess of the 110 percent limit can continue their operation unchanged with a permit.

Effect on Farmers

"As far as farmers are concerned, the ordinance will not affect them where there is not pollution of ground or surface water runoff and where they are not making any changes in their existing operation," noted Gerald M. Hiestand, assistant administrator of the Chesapeake Bay program, in a prepared statement.

"Farmers who are good managers are not limited by this ordinance when they properly dispose of their manure," he continued.

The ordinance does require that a permit be obtained for an operation that will be expanded.

Most importantly, the manure-management ordinance outlines the necessity of nutrient-management plans in livestock operations. The nutrient-management plan for each farm will outline the use of all manure, sludge, and chemical fertilizers and show in detail where those products are produced or purchased and, finally, deposited.

"If the plan shows that the operation has an excess of nutrients," Heistand said, "the farmer needs to show the township how he will deal with the excess. One of the simplest options is to find a neighbor who will agree to use the manure."

Each farmer who is in the process of implementing a conservation plan on his farm may have a nutrient-management plan drawn up, free of charge, through the conservation district.

Farmers who do not have conservation plans may have the plans drawn up by any qualified agronomist or with the conservation service for a fee. Heistand noted that the board of directors of the Lancaster Conservation District have decided on a minumum fee of $50 for farmers who do not have a conservation plan.

Estimates for having a nutrient-management plan drawn up by an agronomist were given at between $300 and $500.

Currently the conservation district completes nutrient-management plans for all farmers with Chesapeake Bay contracts.

Warwick Township's ordinance includes a stipulation that enforcement of the ordinance be made by a qualified agronomist. Township secretary/treasurer Bob Smith said Monday that the board of supervisors would appoint an enforcement officer to inspect farms for adherance to the nutrient-management ordinance.

Order No. 4 Base Milk Price $13.53 For November

ALEXANDRIA, VA — Middle Atlantic Order Market Administrator Joseph D. Shine today announced a November 1988 base milk price of $13.53 per hundredweight and an excess milk price of $12.21. The weighted average November price was $13.52 and the butterfat differential for the month was 15.1 cents. The base milk price was up 49 cents from October and was 45 cents higher than last November. The weighted average price was up 47 cents from October and was 45 cents higher than a year earlier. The gross value of November producer milk was $66.9 million, compared to $64.8 million a year ago.

Shine said that producer receipts totaled 496.6 million pounds during November. The average daily delivery of 2,740 pounds per producer increased 105 pounds or 4.0 percent from last November. Class I producer milk totaled 263.2 million pounds and accounted for 53.00 percent of total producer milk receipts during the month, compared with 53.29 percent in November 1987. Base milk accounted for 92.26 percent of total producer milk receipts in November compared with 93.58 percent last year. The average butterfat test of producer milk was 3.82 percent, down slightly from 3.83 percent last November.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 215.8 million pounds during November, an increase of 1.1 percent from a year earlier after adjustment to eliminate variation due to calendar composition.

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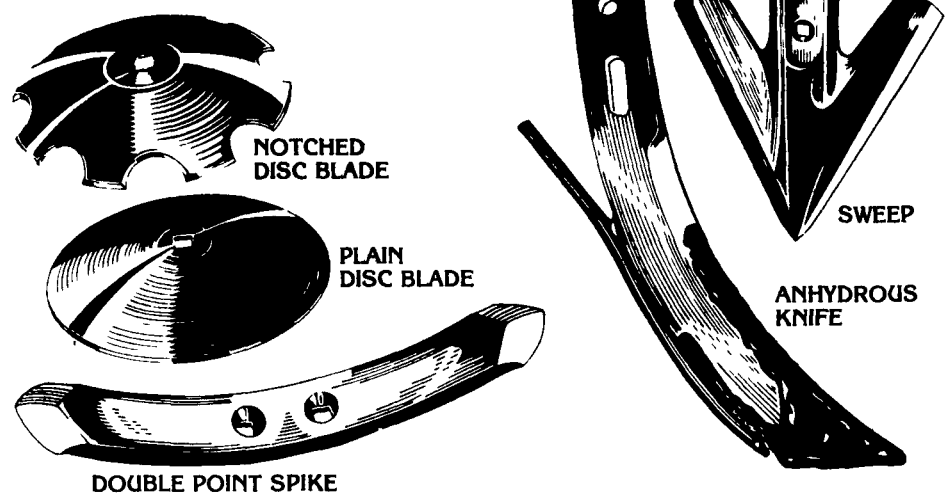

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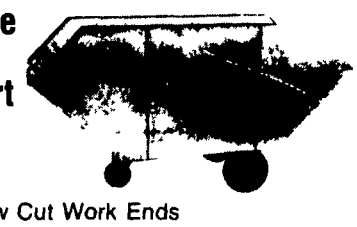

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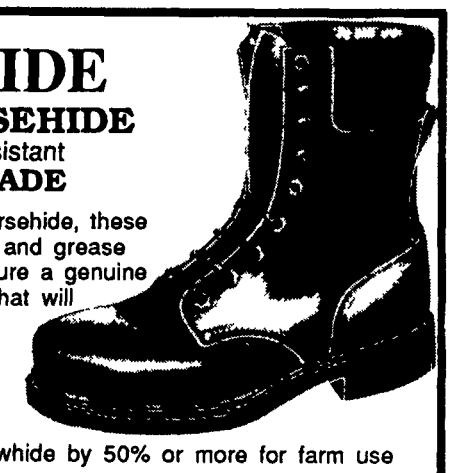

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30 YEARS AGO
THIS WEEK

-Wayne B. Rentschler, Lampeter, state chairman of the 1959 Futures Farmers of America Soil Conservation Program, this week announced prizes and awards for the contest, which is sponsored by the Penna. Assoc. of SCD Directors and administered by the State Soil Conservation Comm.

A permanent trophy and $100 will be presented to the FFA chapter winning the state conservation award. Five regional contests will offer $100 to first place winners and $50 to chapters placing second.

In a conservation speech contest the chapter whose representative wins the state contest will receive $25. Five regional winners will also received $25.

-More than $250 net was realized from the first of Lancaster Poultry Exchange's barbecues Saturday with a total of 700 "halves" being sold. Proceeds are to be applied to the Poultry Center building fund.

Lou Mortensin, Lancaster, was chairman of the barbecue committee and "chief charcoaler." He was assisted by Charles Texter, Lancaster, serving as "sauceman."

Others helping in the all-day affair at the Poultry Center included: Roy Erb, John Herr, Clara Kopf, Eugene Cassel, Daniel Good, Roy Herr, and Bob and Bill Mortensin, who served as "carhops."

Three more barbecues are planned for this year, with broilers selling for $1 per halp, $2.75 for three, and $5 for six halves.

-An estimated audience of 430 members and guests of Producers Cooperative Exchange, Coatesville, were present at the Guernsey Pavilion Tuesday evening for the area poultry group's 26th annual meeting. Highlight of the program was a speech by Carroll P. Streeter, editor, Farm Journal, Philadelphia.

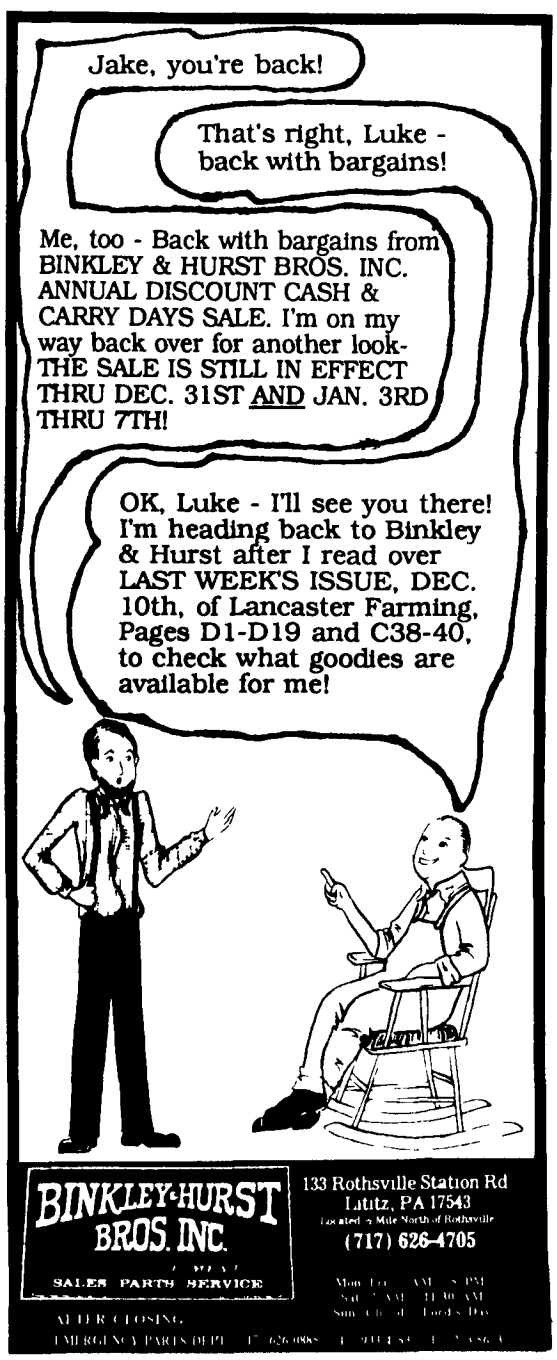
Streeter, Dakota-born editorial chief of the world's largest general farm publication and veteran of 30 years on the farm news business, greeted his audience with a frontal assault of his subject. He opened by saying, "My theme is something bigger than integration and it is bigger than co-ops. It is, I believe, the most crucial question before agriculture today.

-Harry S. Sloat, associate Lancaster County agent, has announced the Extension Service tree-pruning demonstrations will be conducted Tuesday on two Lancaster County farms by Dr. Carl Bittner, Penn State extension fruit specialist.

At 9:30 a.m. Tuesday, Dr. Bittner will conduct a demonstration in the orchard of John Myers, along Route 30, between Maple Grove and Mountville, west of Lancaster.

SYRACUSE — The nation's airline crews lead fast-paced life-styles where proper eating and nutrition is conducted on the run. As a result of a cooperative effort, the American Dairy Association and Dairy Council (ADADC) is making dairy product nutrition information available to airline employees.

In the first phase of this project, dairy promotion materials have been displayed at Eastern Airline flight crew lounges located in New York, Newark, Boston, Atlanta and Washington, D.C. The materials contain both nutrition information and recipe ideas making use of dairy products. Airline employees are encouraged to take samples of the pamphlets for their personal use.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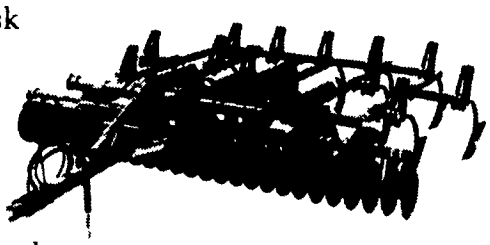

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Heilman Book Showcases The American Farm

BY
EVERETT NEWSWANGER
Managing Editor

LITITZ — Because Grant Heilman, author of a new book entitled "Farm" has the innate ability to talk to university presidents in the ivy halls of academia as well as to farmers in the feed alleys of their pig sties, this book is unsurpassed in published volumes about agriculture.

Of course, Heilman is not primarily known as an author, though he has written several other books. He's the national ag photographer known to have a predilection for technical excellence and early-to-rise patience that keeps him at the right place, at the right time, for the exact right moment to click the shutter.

While more than 275 beautiful farm pictures of excellent quality almost tumble over one another to compete for attention as you page through the table top book format, it's not just a book of lovely pictures. Each photograph illustrates a segment of agriculture that Heilman thinks important enough to include in the text. Subjects include: The American Farm; The Blockbuster Crops; The Southern Crops; Animal Agriculture; Vegetables, Fruits and Nuts and The Changing Scene.

Written in first person, the text intermingles basic farm facts with personal experiences. For example, this small excerpt gives facts about manure. Heilman writes: *Just imagine how much manure there is to dispose of. Although quantities vary, a single dairy cow eliminates more than 25,000 pounds of excrement a year. If a farmer is milking, say, 50 cows, he has to dispose of 625 tons of manure; a 3,000-head dairy operation boggles the mind.*

And about his experiences with pigs, Heilman writes: *There's something about a pig. I can't explain it, because pigs are really*

very ordinary creatures, but show a photograph of a pig and everyone goes wild. For years my photography company has put out an animal promotional calendar featuring pictures of pigs over 'cute' captions. For a change of pace, we've tried using other animals--most recently we tried chickens, and I think chickens are incredibly funny--but the calendar evokes no applause. Back to pigs and the response rating soars again.

This method of fact/feeling composition is done with such skill that readers who are ignorant about farming are carried along into an expanded knowledge of American agriculture with little resistance to the educational process. And farmers feel good about being there too.

While Heilman and his artist wife, Barbara Whipple, now live near Buena Vista, Colorado, they are former residents of Lancaster County. And many local farmers have been the subject of Heilman's photographs over the years. Heilman still makes frequent return visits to the headquarters of his professional darkrooms and photo library business located northwest of Lititz.

This new book, released last month, should become a major textbook in the curriculum to educate the growing non-farm population about what it's really like down on the farm. And for those of us who have a developed nostalgia for the agrarian way of life, "Farm" satisfies a certain craving of the soul that's usually appeased only when we smell new cut hay or cuddle a spring lamb in our arms.

(Heilman's 256-page book, entitled 'Farm' and featuring 280 full-color photographs is available from Abbeville Press, 488 Madison Ave., New York , NY. 10022, $45.)

Nutrient Management Is A Tool

Gordon Hoover, a dairy farmer in Salisbury Township and president of the Lancaster County Farmer's Association, stated Monday that he views the nutrient-management ordinance as a "tool" to be used by municipalities in controlling contamination of ground water.

"I think it's something farmers can live with," Hoover remarked. Most farmers in Lancaster County, Hoover says, are in compliance with accepted application rates. He said the ordinance was designed to control excess-application areas.

"In the form it's in now, the nutrient-management ordinance does not inhibit a good operator in any way," he added.

Enforcement is the one aspect of the ordinance that still troubles Hoover, who remarked that he feels the only time farmers will be checked is when they go in to get a building permit to expand barns on their property.

Hoover also remarked that officials involved in the clean up of the Chesapeake Bay initially thought that all the water pollution had come from agricultural run-off. 'Now we know better," Hoover said.

"They are finding out that agriculture is only one contributor to the problem, " he stated. "The Bay also is being polluted by industry and by residential development."

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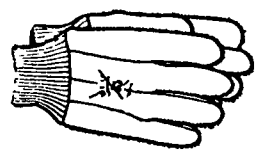

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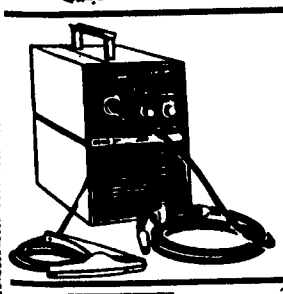

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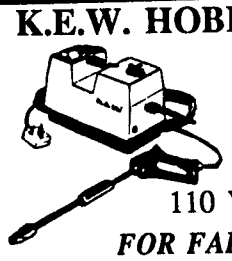

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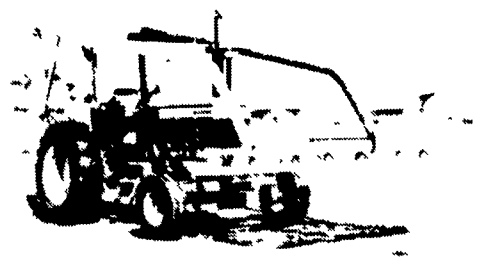

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York 4-H Dairy Club Awards

BY JOYCE BUPP
York Co. Correspondent

NASHVILLE (York) — York County 4-H dairy club members reviewed a successful year, during the combined clubs' annual awards banquet on December 9, at the Nashville Fire Company social hall.

Program for the annual dinner included award presentations to outstanding 4-H dairy club members. Also featured was a slide program on cattle exporting by Ken Raney, membership director for the Pennsylvania Holstein Association.

Raney reviewed the state Holstein Association's exporting business, which has sent Pennsylvania-bred dairy genetics into a host of countries around the world.

Outstanding members at three age levels were honored by all three of the dairy clubs serving York County 4-H'ers. Southwest Dairy Club winners were Patrick Lucabaugh, rookie, Shannon Doll, junior, and Downa Doll, senior.

William Jenkins took rookie honors in the Milk and Money Dairy Club, along with junior honoree Kelly Morris, and senior winner Matt Reheard, Central Dairy Club's rookie award went to Trish Duncan, while Annie Rauhauser

(Turn to Page A33)

Winners of the York Holstein Junior milk and fat awards were, (from left) Shannon Doll, Downa Doll, Jenelle Boyer and Bridgette Boyer.

Members of the York 4-H Junior Dairy Bowl team were: (from left) Brad Walker, Danny Cole, Dixie Doll, Shannon Doll, Greg Walker, and coach Gloria Shaffer.

American Breeders Service Dedicates Cloning Lab

DeFOREST, WI — American Breeders Service, a division of W.R. Grace & Co., hosted 65 media and industry guests for a special dedication of its new cloning research lab on November 11, 1988. This facility exemplifies ABS' commitment to the future, to remaining a leader in the artificial insemination (A.I.) industry and to better serving its customers.

ABS alos opened its doors to almost 800 customers, employees, and neighbors on Saturday, November 12, as Dr. Robert E. Walton, ABS president, rededicated the completed Prentice office building expansion.

"As we move into our new research facilities, we are simply continuing the pioneering efforts that have made ABS strong. And we will continue to challenge the future through our research in biotechnology," says Walton.

In his remarks Friday, to the media and industry guests, Walton said, "The cloned embryo technology which we announced jointly with the University of Wisconsin a few years back is becoming reality. This technology means that in the very near future, dairymen will have access to clonal lines which are thoroughly tested and genetically uniform."

With cloning, dairy and beef producers will be able to purchase a KNOWN genetic entity. Producers will know the animals' genetic capability for production and type. Environmental factors, however, will still play a major role in the animals' total performance. Cloning could also provide producers the opportunity to produce the same amount of milk but with fewer cows — therefore, more efficiently and economically.

To date, ABS has accomplished the cloning technique using DNA transfer, and it will now work to perfect the efficiencies and econmies of the technique. At the same time, the company will be developing a testing program, similar to its progeny test program for bulls, to determine genetically superior animals, then use these animals for multiplication.

"Through the cloning of cattle embryos, we will have the ability to reproduce genetically superior cattle that will enhance our customers' standard of living," explains Dr. Marvin Pace, director-cloning operations. "We will also have the ability to develop clonal lines with specific genotypes adaptable to special markets or world environments."

However, many technical breakthroughs were needed to reach this point. Several pairs of identical twin calves (clones) were produced by microsurgically splitting embryos and implanting the half embryos into surrogate cows.

In the second stage of the research project, eggs were matured and fertilized IN VITRO, cultured in sheep oviduct, and then the embryos implanted into surrogate mothers. The first calf produced by this method was born in 1986.

In 1987, ABS achieved the third milestone using the knowledge obtained from splitting embryos and IN VITRO fertilization. Embryo cloning through DNA transfer involves taking a fertilized egg that has developed into a 16-cell embryo, and then removing individual calls and fusing them with an unfertilized egg cell whose genetic material has been removed. These new embryos are incubated in sheep oviducts for five days and then implanted into surrogate mothers for maturation.

According to Walton, "Being a pioneer in bovine genetics is what built American Breeders Service into the world's largest artificial insemination organization. Like developing the first progeny test program for bulls, leading the A.I. industry in converting to the use of liquid nitrogen for preserving semen, and producing the first embryo transfer in 1950, ABS believes in challenging the future to benefit dairy and beef producers."

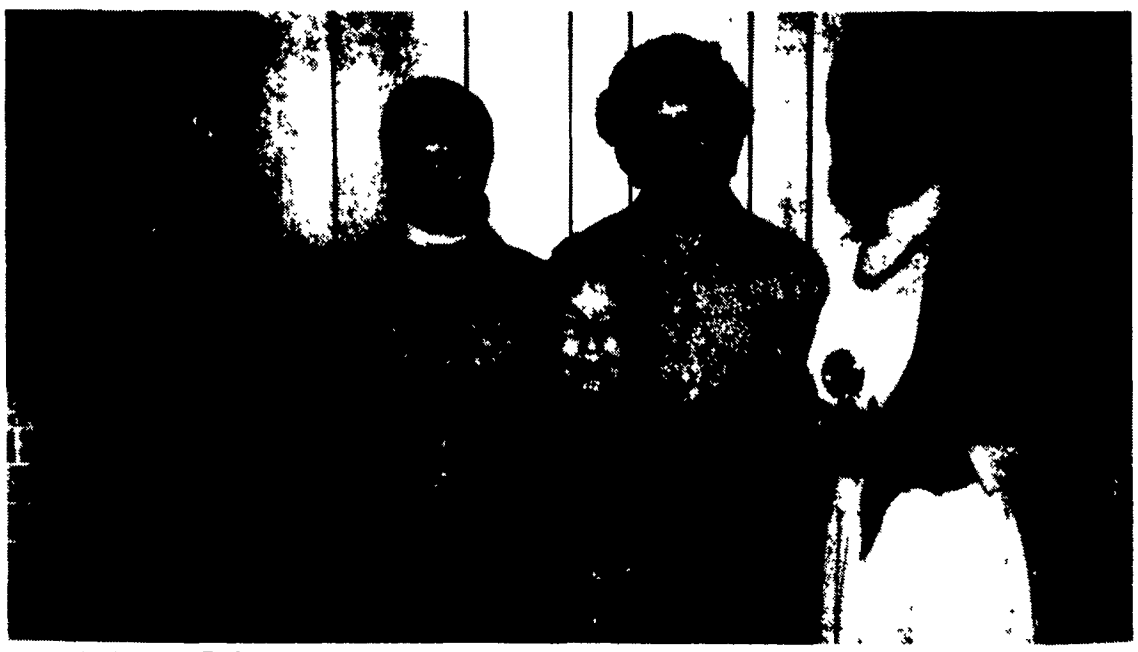
ABS added another first to its list of pioneering efforts in 1987 — cloning of bovine embryos. In other words, producing multiple genetically equivalent animals. The new cloning lab will allow ABS the opportunity to commercialize the process.

As part of the Open House activities, ABS dedicated the cloning lab to Robert A. Clabault, retired Group Executive of Grace's General Business Group, who was instrumental in the initiation of the cloning project.

In his comments, Grace General Business Group Executive Gerald Garbacz called Clabault one of Grace's great nurturers. "He is a man for all seasons — practical yet visionary; results oriented yet presenting a balance between short and long term."

Walton added, "Bob Clabault and Grace have been very supportive of our research efforts since the project's origin in 1982. Both recognize the important role of ABS' research in remaining a leader in the A.I. industry, and that research is a cornerstone of ABS."

Senior 4-H Dairy Bowl team from York County: (from left) Tim Warner, Downa Doll, Rich Bupp, Jenelle Boyer and coach June Boyer.



York's 4-H Dairy Judging teams included Brad Walker, (front, from left) coach Shirley Trimmer, Bridgette Boyer, Matt Reheard and Angie Lang.

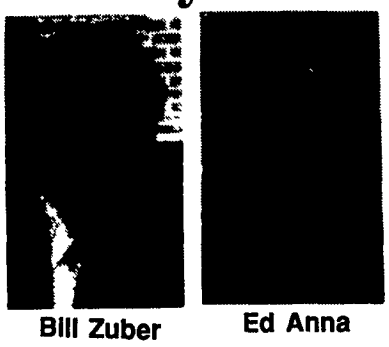
Dairy Industry

(Continued from Page A1)

agricultural commissioners from various states have also expressed their enthusiasm in RCMA and its very successful year. According to Vermont Governor, Madeleine M. Kunin, "RCMA represents the single best hope our dairy farmers have to gain a fair price for their product."

Pennsylvania Secretary of Agriculture Boyd Wolff, a featured speaker, said dairy farmers must continue to push forward for the success of RCMA. "We must have unity not fragmentation," Wolff said.

"This can only be achieved by a process like RCMA, where all producers in the Northeast agree to help themselves by bargaining for the price they receive for their product."

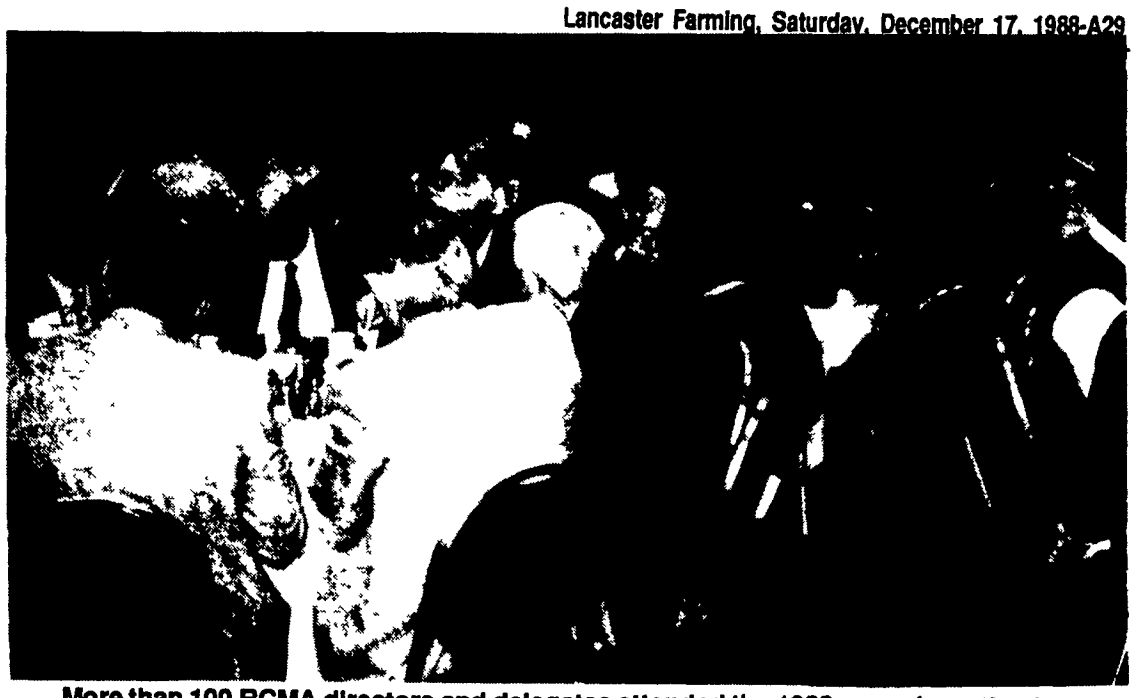


Bill Zuber

Ed Anna

In the election of officers Zuber was re-elected President for a third term. Also re-elected were Norman Harvey, vice president; Bill Murphy, secretary and Lloyd Patterson, treasurer.

George Demeree, Don Duncan, Max Fisher, Roy Hetrick, Harold Howrigan, Clyde Rutherford and Bob Storch were named to the executive committee.



More than 100 RCMA directors and delegates attended the 1988 annual meeting in Syracuse last week.

RCMA Announces $3.5 Million Payout

BATAVIA, N.Y. — The Regional Cooperative Marketing Agency (RCMA), a 22,000-farmer organization, announced a cash premium of 28-cents per hundred pounds of milk, for a payout of nearly $3.5 million for milk that RCMA members shipped during September.

RCMA President Bill Zuber said the payment on September milk brings RCMA's total distribution to nearly $35 million since its first payment in September 1987.

"We are very happy with our high payout of $3.5 million for the month," Zuber said. "Farmers like myself are always grateful for this extra money, but especially so during holidays."

Zuber reported a significant membership gain, including a 30-member co-op joining RCMA during October.

"One concern we do have, however, is that Claude Hoffman, an RCMA director, was seriously injured recently and lost one leg," Zuber noted. "We are asking RCMA members and friends to help by sending donations to the Claude Hoffman III Trust Fund, c/o Citizens and Northern Bank, Wellsboro, PA, 16901."

For more information, call toll free, 1-800-634-3723.

The Regional Cooperative Marketing Agency is a 22,000-member organization ru by and for dairy farmers in 11 Northeastern states. RCMA collects, from the marketplace, a differential over the price set by the Federal Milk Marketing Orders and returns this money in the form of an "over-order premium" to its farmer-members.

Jenks Named President Of Dealers' Association

HARRISBURG - Ralph E. Jenks, owner of Jenks Motor Sales, West Springfield, Pa., was recently elected president of the Penn-Jersey Farm & Power Equipment Dealers' Association. Jenks Motor Sales markets Case-International, Kubota, Cub Cadet and Wheel Horse Equipment as well as Polaris and Ski-Doo Snowmobiles and ATV's. They also operate an International Truck Dealership.

Ralph has been a member of the Pennsylvania Farm and Power Equipment Dealers Association for more than 30 years, and has served as a director of the association for the past eight years. During that time he has served on various association committee's and as chairman of the By-Laws, Legislative and Insurance committees. He played an active role two years ago in the merging of the Pennsylvania and New Jersey Associations into the present Penn-Jersey Farm and Power Equipment Dealers' Association. Three years ago, he was elected national director to represent the Pennsylvania Association on the Board of the North American Equipment Dealers Association.

On the National Board he serves as chairman of Region 1, treasurer of Equitrac Ltd., chairman of the Outdoor Power Equipment Division Committee and a director on the Board of the Insurance Services Corp.

Ralph has been active in many community organizations and activities. Among these he is past president of Conneaut, Ohio Chamber of Commerce; past president of Conneaut, Ohio Exchange Club; past chairman of Erie Co. Metropolitan Planning Commission; past chairman of Springfield Twp. Zoning Hearing Board; past member of Pennsylvania Northwest Regional Planning and Development Commission; past member of Springfield Twp. Planning Commission; past member of International Harvester Farm Equipment Dealer Council; past member of International Harvester Truck Dealer Council.

Ralph and his wife, Wanda, who also works in the business, have two daughters, Brenda and Deborah, and have four grandchildren.

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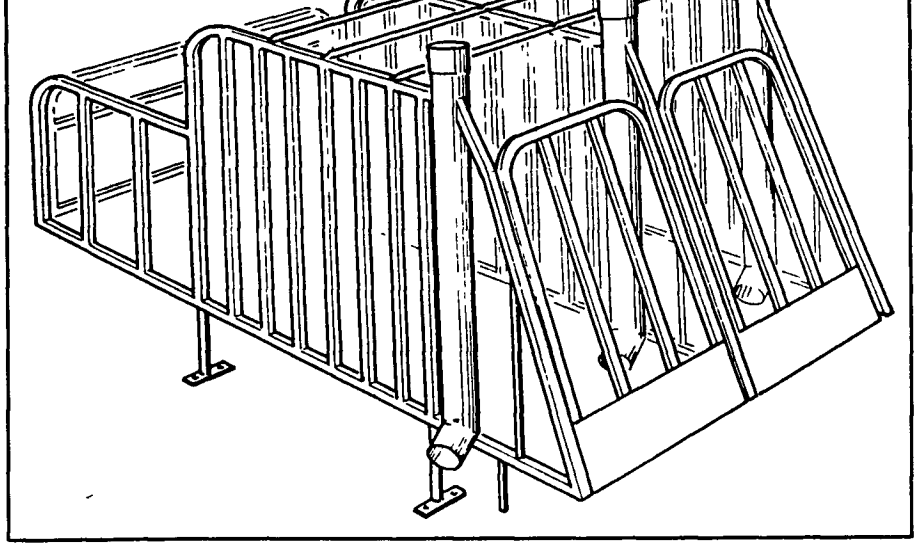

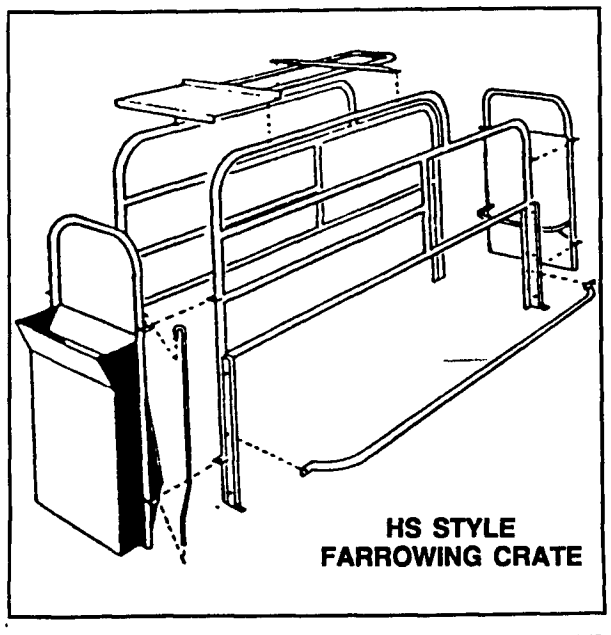

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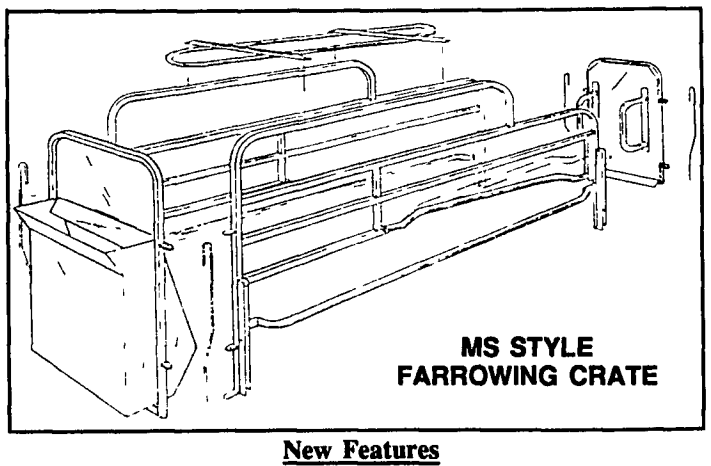

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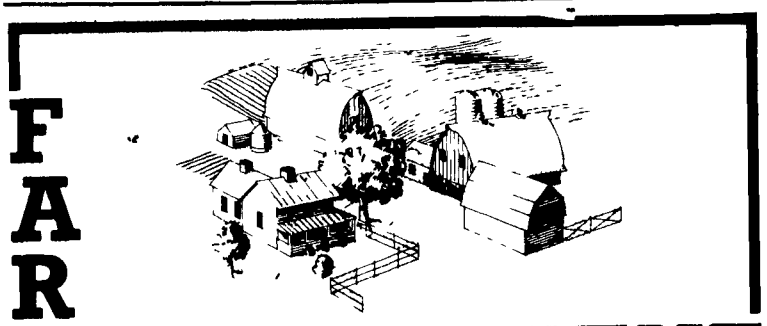

Don't Ignore Cash Shortages

BY BRUCE G. KREIDER
Lebanon Co. Cooperative Ext.

The effects of the summer drought are fairly apparent by now. On the bright side, harvest was fairly quick and forage quality is high. In some cases, we don't need to climb as far up the silo chute to find out what's going on. On the other hand, we cringe when we see our feed bills or the level of grain in our storages. There are a few bills not paid, but they are quickly buried in a folder and hidden in a file drawer. Let's face it. It is easy to ignore our problems, hoping they'll go away.

I suspect that farmers who ignore their feed and cash shortages may have a Merry Christmas, but a happy New Year? Probably not. Problems ignored do not disappear! In fact, these problems tend to snowball. Some of these financial snowballs end up crashing through the gates of personal bankruptcy.

On the other hand, prompt action will not make our problems disappear. However, in most cases, there will not be a snowball effect. Let's look at the steps we should take when our cash flow is inadequate and why it is important to act promptly.

1. Forward Planning - Some problems can be solved with less cost in advance than in the middle of the winter when feed prices are high. In one farm, no margin for decreased forage yields had been considered, even though the farm is on shale soil. When the drought hit, there was very little feed and even less money. Too little feed and too little energy ruined milk production, hindered reproduction and took flesh off the cattle. The future of the herd was jeopardized by poor planning.

2. Accept The Need For Help - Our pride too often keeps us from asking for help when we first need it. We think the "American Dream" requires us to make it on our own, when our ancestors worked together to plant, harvest and market products. Today's financial climate is too complex to go it alone. In many cases, other people hold the key to solving our problems.

3. Communicate With Creditors - On farm after farm, I have found farmers reluctant to talk with those they owe money to until it is impossible to avoid it. In virtually every financially troubled farm I have worked with, timely communication has helped ease the strain. Creditors are greatly alarmed when problems are ignored, and are impressed when problems are tackled. After all, solutions that help you survive will also help you pay your debts.

4. Develop A "Survival" Plan - Creditors are usually very patient with delinquent customers who have developed a realistic cash flow plan which shows your ability to pay the debt over time. Your accountant will become a key person in this setting. The farm management agents with Penn State Cooperative Extension also have educational and computer programs which can help you develop a cash flow.

5. Know When To "Say When" - Not every operation will survive in today's agricultural climate. Some have far too much debt when compared to the income potential of the business. Other farmers do not have the resources or management to be profitable in the 1990s. If all reasonable cash flow plans and all reasonable farm alternatives show no way to survive your financial crunch, act on the facts. Don't be the "hero" who watches all his life equity erode away on the snowball slide to bankruptcy. Bail out while you still have a way to provide for your family and some years to prepare for retirement.

Fortunately, most of our farmers will recover quite well from the soon-to-be legendary "Drought of 1988." Some of the financial effects will linger into 1990 and maybe even 1991. However, efficient, well-managed farms will have the resources to handle this set-back and plan for the 1990s. Your Cooperative Extension office stands ready to help you plan for a better future.

Rankin Farm Is Number One In Washington

WASHINGTON — DHIA members from Washington, Greene and Allegheny counties recently gathered to recognize the top milk producers.

The Rankin Farm of Burgettstown topped all herds in milk, butterfat and protein production at 21,749 pounds of milk, 754 pounds of butterfat and 699 pounds of protein. John and J. E. Marchezak of Bentleyville took second in herd milk production with 20,087 pounds of milk. Millervale came in third in milk production at 19,184 pounds of milk.

Millervale came in second in butterfat at 704 pounds and Marchezak came in third at 701 pounds. In protein Marchezak took second with 644 pounds. Millervale took third at 601 pounds of protein.

Hamilton Brothers of Avella own the top fat producing cow in the tri-county DHIA, Esther, a 4-year-old, producing 1,175 pounds of butterfat. The second and third place cow in butterfat production with 1,079 pounds and 1,073 pounds are also owned by Hamilton Brothers.

A pat on the back went to those producers who increased milk, butterfat and protein production. Increasing milk production were:

Gapen Brothers of Greensboro with 3,220 pounds; Breese Dairy Farm with 3,176 pounds and Topema Farm with 2,857 pounds.

Increasing in butterfat production were: Gapen Brothers with 121 pounds; Breese Dairy Farm with 99 pounds and Smith Brothers with 71 pounds.

Increasing in protein production was Gapen Brothers with 104 pounds; Breese Dairy Farm with 90 pounds and Topema Farms with 76 pounds.

John and J. E. Marchezak of Bentleyville owns the top lifetime producer with 296,764 pounds after 12 lactations and 9,280 pounds in butterfat.

Misty Lea Farms of Waynesburg owns the second placed lifetime producer at 236,874 pounds in nine lactations.

Top producers in butterfat:

Rankin Farm, Burgettstown, 21,749 M, 754 F, 699 P.

Millervale Farm, McDonald, 19,184 M, 704 F, 601 P.

John & J.E. Marchezak, Bentleyville, 20,087 M, 701 F, 644 P.

W.Ken & W. Rex Smith, Avella, 17,943 M, 691 F, 577 P.

Ellen-Dale Farm, McDonald, 16,807 M, 672 F, 527 P.

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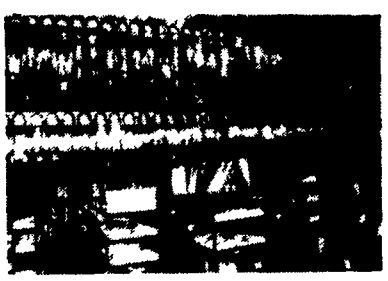

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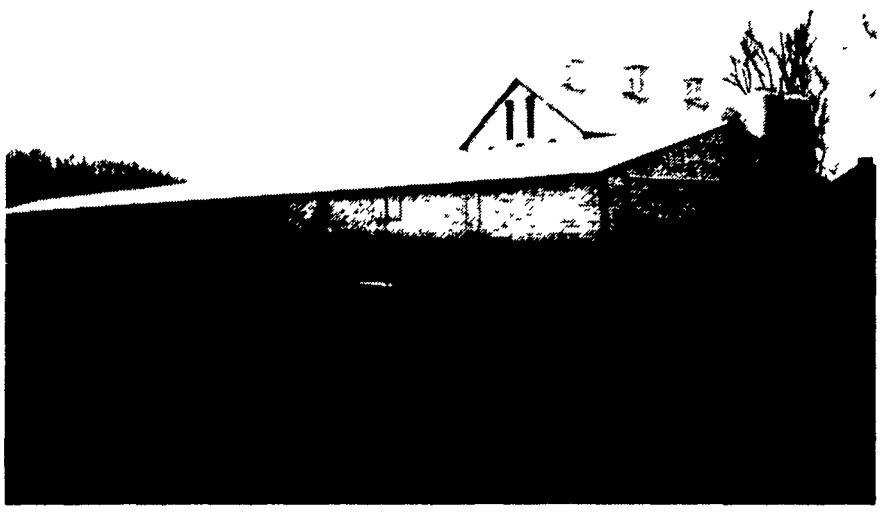

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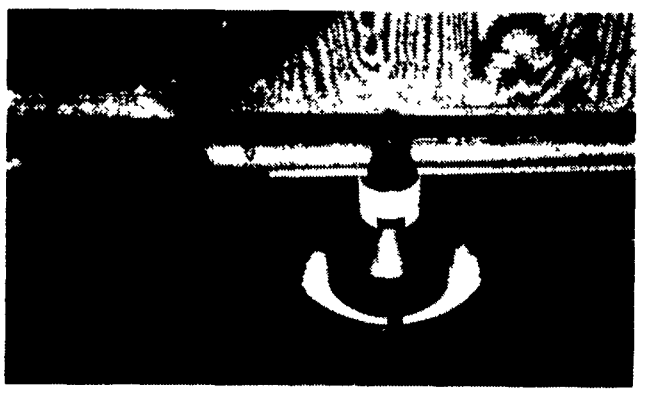

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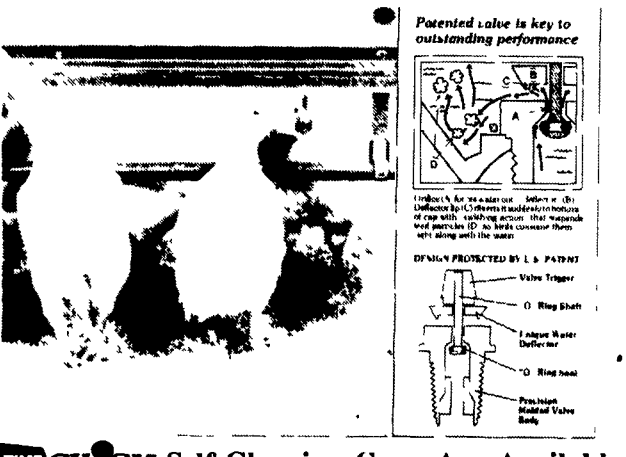

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Adams County Top Milk Producers

Thomas E. Piper
County Extension Director

GETTYSBURG (Adams) — Awards were presented, directors elected and reports were given on the status of the Adams County unit of the Pennsylvania Dairy Herd Improvement Association during the 60th annual meeting held Wednesday, December 7, 1988 at 7 p.m. in the Firehall in Harney, Maryland. Timothy Brown of Littlestown, president, presided at the meeting which was attended by 100 dairy family members.

A total of 48 herds with 3,875 cows completed production testing programs supervised by the association during the year which ended September 30. County production averaged 15,876 pounds of milk, 597 pounds of butterfat and 511 pounds of protein per cow. Donald Messinger, New Oxford; Janet L. Hentz, New Oxford; Alana Stoner, and Josie Hess of Gettysburg served as DHIA Supervisors during the year.

Awards in the form of plaques were awarded to the following: First place for high herd, Milton R. Hoffman, Gettysburg, for 20,303 pounds of milk, 805 pounds of butterfat average from 53 cows; second place to Roy and Ronald Weaner, Gettysburg, for 19,309 pounds of milk, 757 pounds of butterfat from 91 cows; third place to Penn Gate Farms, Littlestown, with 19,467 pounds of milk and 744 pounds of butterfat from 87 cows.

Recognition for top production in one 305-day lactation was shared by Penn Gate Farm (Robert Gitt, Steve and Christine Wood) with production of 28,628 pounds of milk by "43" and the Jo-Bo Acres farm of John and Bonnie Hess whose cow "70" was butterfat leader with 1,247 pounds.

High lifetime production honors went to the Yellow-Buttercup Farm of Larry and Yvonne Mummert, East Berlin. Their cow "29" produced 7,867 pounds of butterfat. High lifetime milk production honors went to Stoner Bros. Dairy of East Berlin; their cow "Zip" produced 204,794 pounds of milk in 9 lactations.

Honors for greatest improvement in the past year were shared by Charles E. Mayers of Littlestown and Robert and Kara Cunningham of Gardners. Both herds showed an increase of 107 pounds of butterfat per cow over their 1987 herd average.

The Milton R. Hoffman herd took top honors for highest average protein production at 670 pounds per cow. High quality milk production honors went to Robert C. Hoffman of York Springs and Robert and Kara Cunningham of Gardners. Ribbons and production certificates were presented to many other dairymen.

A situation report on the local association was presented by Tim Brown, president; Marcia Brown, treasurer; and Freida Meyerhoffer, auditor. The reports revealed the organization to be in sound fiscal condition. Brown concluded his service to the board with thanks to the membership for their support.

With the new main frame computer in use by Pennsylvania Dairy Herd Improvement Association, many new and improved programs are available to members. One of these referred to as ARIS, Agricultural Record Information Service, was described by Louise Sible from the state DHIA Office. Of interest to dairymen, feed consultants and veterinarians, this provides on-farm or remote access to records through an IBM - compatible personal computer at home.

Karen Hobaugh, Chair of the Dairy Princess Committee, invited interested persons to assist with in-county promotion programs. County Agent Thomas E. Piper presented the records summary and announced plans for dairy meetings to be held January 17, February 9 and a Dairy Nutrition School on February 13, 20, and 27.

In the election Ronald Weaner of Gettysburg was retained as a director while Paul Guise of York Springs and Michael Todt of Hanover were named to replace Brown and Gerald Stoner. In a reorganization action, Wayne Rodgers of Biglerville was elected President; Jeffery King of York Springs, Vice-President. Marcia Brown of Littlestown was retained as Secretary-Treasurer.

Brandt To Chair Agricultural Committee

HARRISBURG — Rep. Kenneth E. Brandt today announced that he will accept a key appointment as highest ranking republican on an important House committee.

House Republican Leader Matthew J. Ryan this week appointed Brandt as Republican chairman of the Agriculture Committee.

"Agriculture is Pennsylvania's number one industry, so it's especially appropriate that Rep. Brandt -- a strong and clear voice for Pennsylvania agriculture -- serve as Republican chairman of that important committee," said Ryan.

"Rep. Brandt's experience and knowledge of Pennsylvania agriculture is needed particularly in light of the lip service given to the farm community by the Casey Administration. The Republican Caucus and the entire Pennsylvania agricultural community will be well-served with Ken Brandt in this position."

"I'm very pleased Rep. Brandt has agreed to accept this very important post," said House Republican Whip Samuel E. Hayes Jr. "He has a distinguished record of leadership in the House of Representatives, having already served on the Agriculture Committee and several ag-related committees including State Government, Local Government and Consumer Affairs.

"As chairman of the House Republican Policy Committee, Rep. Brandt last year presided over hearings important to agriculture appropriations in the 1988-89 state budget. Many recommendations of the Policy Committee were later included in the agriculture budget adopted by the General Assembly," Hayes said.

"Pennsylvania agriculture will benefit from Ken's leadership and his Lancaster County background. Agriculture deserves a top-flight legislative leader like Ken Brandt. His agricultural contacts, his previous operation of an ag-related business, and his knowledge of Pennsylvania farming will be a tremendous asset to our rural communities, farmers, and agribusinesses," Hayes said.

As Republican chairman of the House Agriculture Committee, Brandt will also serve on two boards, the State Agricultural Lands Preservation Board and the state Animal Health and Diagnostic Commission. In addition, he will serve on the Agriculture Department's Agricultural Research Committee and the Agricultural Advisory Committee of the Department of Environmental Resources.

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York 4-H Dairy Club Awards (Continued from Page A28)

Honored as outstanding York County 4-H dairy members for 1988 were: (front, from left) Kelly Morris, Downa Doll, Patrick Lucabaugh, (back, from left) Shannon Doll, Annie Rauhauser, Angie Lang and Matt Reheard.

was named outstanding junior and Angie Lang took the senior trophy.

Top milk and fat production awards, presented by the York Junior Holstein Association were shared by Jenelle Boyer and Downa Doll, with entries by Shannon Doll and Bridgette Boyer claiming the second place spots.

County dairy winners in the National 4-H Program were Downa Doll, Dixie Doll, Annie Rauhauser and Angie Lang. Honored for the participation in Dairy Bowl competition were juniors Shannon Doll, Dixie Doll, Danny Cole, Brad Walker and Greg Walker. Recognition for senior Dairy Bowl was extended to Rich Bupp, Tim Warner, Downa Doll and Jenelle Boyer.

Dairy judging teams represented York County at various regional and state 4-H competitions, including the Delaware Valley College and Pennsylvania All-American contests. Dairy judging participants included Matt Reheard, Angie Lang, Bridgette Boyer, Anita Emig, Crystal Emig, Brad Walker and Patrick Lucabaugh.

Dairy Roundup champion recognition for fitting and showmanship was extended to junior winner Brad Walker, Jenelle Walker for the intermediate class, and senior winner Bridgette Boyer. Brown Swiss top awards went to Patrick Lucabaugh and Kelly Myers, junior and reserve junior champion awards, and Kim McCleary, with all the senior and grand placings.

Jenelle Boyer was honored for the junior champion Guernsey, over reserve junior champion Paul Rauhauser. Senior and grand champion Guernsey was exhibited by Kelly Morris, with the reserve senior and grand honors going to Jenelle Boyer.

Jersey champion awards went to Sue Eisenhart, with the junior champion and reserve senior and grand entries. Tim Warner took the senior and grand awards, and Annie Rausher exhibited the reserve junior champion.

In the Holstein category, Downa Doll and Matt Reheard split the junior and reserve junior champion honors, while Bridgette Boyer claimed all senior and grand awards, along with garnering the Supreme Champion title.

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North Carolina Speaker On Tomato Program

SCRANTON — Dr. Randolph Gardner, director of the tomato research program at the Mountain Research Station of North Carolina State University, will be the principal speaker at the Northeast Regional Tomato Growers Meeting on January 5 at Thompson's Dairy Bar on the Newton Ransom Boulevard in Lackawanna County.

Raised on a fruit and vegetable farm in Virginia, Dr. Gardner holds horticultural degrees from Virginia State University and Cornell University. He has been director of the tomato research program in North Carolina for 12 years. He will speak on the future production and marketing changes needed to keep northeastern growers competitive in tomato markets.

Other speakers on the program include Dr. Cyril Smith and Kathleen Demchak, Penn State University, James Garrahan, Pennsylvania Department of Agriculture and Tom Jurchak, Lackawanna County Extension Agent.

All commercial growers of fresh market and processing tomatoes are invited to attend the meeting to get the latest information on efficient production and pest control as well as to earn credits to maintain the certification for private applicators of restricted use pesticides.

Reservations for the meeting must be made by sending $7.00 with your name and address to the Lackawanna County Cooperative Extension, 200 Adams Avenue, Scranton, Pa. 18503 by Friday, December 30.

Erie County Extension Service Holds Banquet

BY
CAROLYN HILSDON GILLES
Crawford Co. Correspodent

ERIE, PA — Saint Boniface Center was the site of the Annual Dinner Meeting of the Erie County Cooperative Extension Service held last month. The meeting was opened by Extension Board of Directors president, Garth Hetz.

After dinner, Hetz introduced officers of the Board of Directors and special guests. In a special commendation for WICU TV, Channel 12, a plaque was presented to Ivan Tomcho in appreciation for the 10 years that the station has aired Extension Minute as a public service. More than 530 segments have been shown in that time.

Henry Cass, chairman of Nominating Committee, presented the ballot of nominees for the Board of Directors. Ballots were tallied and new directors were named to be: Edward N. Biebel, Charles L. Dahlkemper, D. Garth Hetz, Mae S. Kress. Gretchen Kruse, Sharon A. Piano, Stuart R. Revak, Robert D. Vickey, Elda J. Wasielewski and Robert H. Whitney.

New bylaws were proposed and accepted by the organization, changing the size of the board to a 21-member board, six of whom will be appointed later.

Hetz turned the podium over to County Extension Director Brenda Skiba who introduced the Erie County staff. Skiba told the group that Extension remained open to the concerns of the county. Carolyn Belczyk, Erie Co. 4-H director, and County Agent Kevin Ganoe showed a slide presentation highlighting the major program emphasis of Erie County Extension for 1988.

Programs were highlighted in the each of extension's four major program areas. In the 4-H and Youth Development Program, club programs like the 4-H Lions Leader Puppy Program, a Carnival to Benefit Jerry's Kids and participation in Penn State 4-H Week were described. In "From Chick to Egg," a school-enrichment program, 1,331 youth were reached. Over 35 percent of the 127 4-H volunteers were involved with educational opportunities such as leader forums and/or other training. Activities of Erie County 4-H Teen Council were officer's training, 4-H Promotion at the annual Zoo Parade and through the "Extension Minute" on television.

In the Family Living program area, a learn-at-home series taught Erie County families how to adequately protect their families, themselves and their possessions. Through a six-part newsletter, followed up by a workshop, home day care providers the area learned to give quality care to children. A number of programs, workshops and television tapings were presented geared to "positive aging." Programs conducted related to health care were: "Seafood for the Good Life," "Cash in on your Meat Dollar," "What's Good in the Food You Eat," "Winning the Cholesterol Game," and "Creative Vegetable Cookery." Four master food preservers and four master clothing and textile volunteers received training, then conducted educational seminars and workshops, wrote news releases and set up displays for extension audiences.

The EFNEP (The Expended Food and Nutrition Education Program) staff was increased this year to five. They work with families with limited income who have young children. Using a new curriculum, Eating Right is Basic 2, nutrition education advisers council eligible families on a one-to-one basis and strive to establish inter-agency cooperation to set up group programs throughout the county. Erie County EFNEP participated in a three-county pilot cooperating with the PA Dept. of Agriculture and WIC to supply WIC-eligible pregnant or nursing mothers with vouchers for farm-fresh, PA grown fruits and vegetables and instruct them in selection and use.

Erie Extension's agricultural programs strive to help local growers and producers apply current research, recommendations and technology to a $72,000,000 agricultural industry in Erie County. Special 1988 programs dealt with drought management meetings, pesticide training for over 700 agricultural producers and disease forecasting and pest management for Erie County tomato, grape and apple producers. Four grape producers are managing their vineyards the "grape expert system," a Penn State developed computer based system which leads the producer through hundreds of variables involved in making the right decisions inma-

(Turn to Page A39)

Ivan Tomcho, left, of WICU-TV, channel 12, received a plaque from Garth Hetz, president of the Erie County Extension Board of Directors. The plaque was given in appreciation of the 10 years that WICU has produced Extension Minute as a public service. During that time, more than 530 public-service broadcasts for extension have been aired.

An election of officers was held at the Erie County Cooperative Extension annual meeting. Those elected to three-year terms are, from left, Garth Hetz, Charles Dahlkemper, Mae Kress, Ed Biebel, Elda Wasielewski, and Gretchen Kruse. Missing from the picture are Sharon Piano, Stuart Revak, Robert Vickey, and Robert Whitney.

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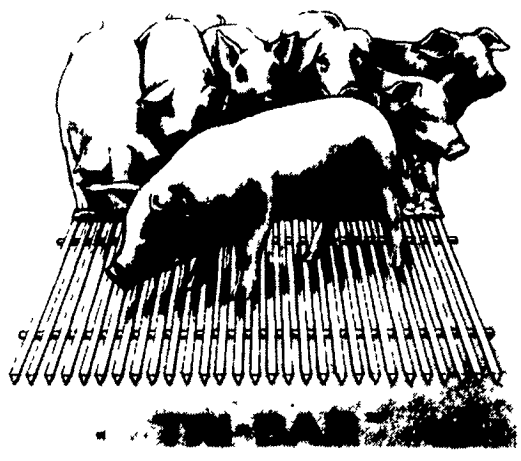

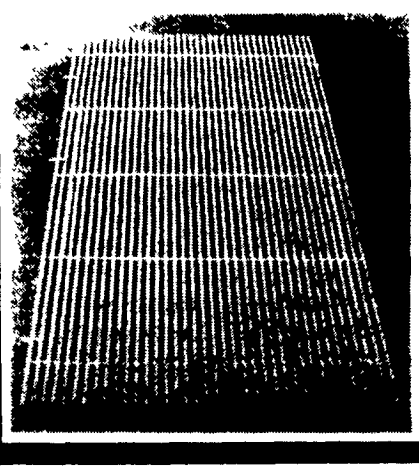

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Latuch Top In Butterfat For Somerset DHIA

BERLIN (Somerset) — More than 200 Somerset DHIA members gathered recently at the Berlin Community Building for their annual meeting to honor top producers and elect directors.

Harry Mosholder was elected president of the board of directors. Mark Milsher of Holsopple was elected vice-president. Leroy Bittner of Meyersdale was elected secretary-treasurer.

Elected to three-year terms as directors were: Richard Kauffman, Jr. of Boswell and Mark Marteeny of Somerset.

Somerset County dairymen made their county number one in average butterfat production per cow at 660 pounds. The state average was 611 pounds for the year. Somerset ranked third in the state in protein per cow at 571 pounds. The state average was 531 pounds of protein. In milk production per cow Somerset rose from tenth last year to sixth place in 1988 with 17,716 pounds. The state average is 16,683 pounds.

Total feed costs per cow rose from $779 to $826. However, despite the $47 increase in feed costs per cow, income over feed costs actually rose by $2, from $1,306 in 1987 to $1,308 in 1988. Feed costs per CWT in Somerset County are at $4.66 while across the state average feed cost per CWT are $4.98.

Somerset County milk producers honored for milk, butterfat, and protein production were:

North View Far of Berlin for highest herd average for milk per cow at 23,855 pounds.

Latuch Brothers of Rockwood for highest herd average of milkfat per cow at 861 pounds.

Harry Mosholder of Rockwood had the highest herd average for protein per cow of 772 pounds.

North View Farm in Berlin holds the highest individual cow record for milk at 34,331 pounds; highest individual cow record for butterfat at 1,340 pounds.

Sec-win Farm of Somerset holds the highest individual cow record for protein in 1988 at 1,100 pounds.

Maran-atha Farm of Friedens maintained the lowest somatic cell count average of 93,000 on 40 cows.

Somerset boasts of 27 producers above 20,000 pounds of milk and 11 herds above 800 pounds of butterfat.

Latuch Bros, Rockwood, 22,932 M, 861 F, 727 P.

William E. Hunsberger, Davidsville, 23,436 M, 853 F, 751 F.

Harry Mosholder, Rockwood, 23,819 M, 846 F, 772 P.

North View Farm, Berlin, 23,855 M, 843 F, 765 P.

Stonylake Farm, Friedens, 21,153 M, 835 F, 656 P.

Dean E. Hillegas, Berlin, 21,011 M, 820 F, 677 P.

George C. Stahl, Somerset, 22,550 M, 817 F, 726 P.

Sec Win Farm, Somerset, 21,285 M, 812 F, 710 P.

Stoney Acres Farm, Berlin, 20,989 M, 809 F, 689 P.

James A. Willikow, Berlin, 21,811 M, 806 F, 685 P.

Donald Glessner, Berlin, 18,855 M, 806 F, 598 P.

Leon Knepper, Berlin, 21,376 M, 795 F, 698 P.

Glenn E. Johnson, Rockwood, 19,971 M, 793 F, 659 P.

Lewis W. Berkley, Berlin, 21,194 M, 786 F, 694 P.

Landsdown Farm, Berlin, 22,083 M, 785 F, 706 P.

Hillmont, Berlin, 21,237 M, 785 F, 688 P.

Timothy Clites, Berlin, 21,370 M, 783 F, 675 P.

James W. Ringler, Berlin, 21,989 M, 777 F, 711 P.

Claradale Farms, Salisbury, 20,609 M, 775 F, 651 P.

Urbadale Farm, Meyersdale, 22,364 M, 773 F, 724 P.

Dave & Don Stutzman, Berlin, 21,903 M, 773 F, 696 P.

Merle & Mark Mishler, Holsopple, 22,166 M, 770 F, 717 P.

Gary & Nancy Lynch, Friedens, 21,628 M, 770 F, 691 P.

Burnworth Is Top Fayette County Producer

MENALLEN (Fayette) — Fayette County DHIA members met recently at the Menallen Grange to elect new directors, honor top producers in the county and learn the new programs being offered by the state DHIA.

Production awards were presented to:

Edward Burnworth of Confluence for the higest herd in milk at 19,085 pounds and in protein at 615 pounds.

R. Brown Stonee-Ridge of Acme for highest herd in fat at 672 pounds and for most improvement in fat at 113 pounds.

R. Stauffer Holsteins of Acme for most improvement in milk production at 2,751 pounds and for most improvement in protein at 81 pounds.

The high cow in milk production is owned by Orr Farms of Belle Vernon. The seven-year-old produced 28,003, 2.8 percent fat, 828 BF, 791 P.

The high cow in fat production is owned by Kamp Farms of Confluence. This four-year-old produced 1,006 pounds, 4.2 percent fat, 23,871 pounds of milk, 716 P.

Ralph Hay of Mill Run maintained the lowest somatic cell count 36 cows with 18,173 pounds of milk.

The high cow in protein production is owned by Kamp Farms of Confluence. This five-year-old produced 850 pounds of protein, 3.3 percent fat test, 26,810 pounds of milk and 888 pounds of butterfat.

The high cow in lifetime production belongs to Jackson Farms of New Salem. This nine-year-old reached 216,977 pounds, 6,680 of fat and 4,230 of protein.

The second highest cow in lifetime production belongs to Orr Farms of Belle Vernon. In her tenth lactation this Holstein reached 192,771 pounds of milk, 6,737 of fat, and 2,878 of protein.

Average feed costs in the county to produce 100 pounds of milk is $5.00 while across the state the average is $4.78. Feed costs throughout the county are between $3.36 and $11.64.

Fayette County top milk producers:

Edward Burnworth, 19,085 pounds milk, 638 butterfat.

Robert Jackson, 19,023 pounds milk, 649 butterfat.

R. Brown Stonee-Ridge, 18,724 pounds milk, 672 butterfat.

R. Stauffer Holsteins, 18,299 pounds milk, 652 butterfat.

Ralph Hay, 18,173 pounds milk, 646 butterfat.

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- Plants tolerate heat and drouth stress.
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- A "must plant" hybrid for silage producers in fuller season areas.
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Mid-Atlantic Conservation Tillage Conference

(Continued from Page A1)

"It's mainly peer pressure that keeps more of you from acting on the new realities and setting your own environmental agenda," said Richardson. "Who wants to face off with powerful commodity organizations? The choice is yours and it gets down to each of you and your courage."

Preparation for change is the first step. Farmers should not wait for the non-farming segment of the population, nationally or locally, to dictate regulations to them. Farmers must take the first steps to prevent becoming the victims of a misinformed and agriculturally-illiterate public.

"Are there ideal standards (for groundwater legislation) which the (agricultural) industry should consider?" asked Richardson. "What seems clear, at least to this reporter, is that there is a crying need for federal health standards as they relate to groundwater, but those standards should be implemented at the state level. In this process, the aim should be preventive rather than reactive."

Richardson suggests farmers demand a federal health standard be established to avoid what he calls a "we-can-set-a-lower-safer-level-than-you-can-syndrome" occuring in each state. Several states already have legislation based on health standards different than federal levels.

American agricultural farm policy has shifted its priorities from commodity to environmental. Farmers can expect environmental regulations attached to commodity programs in the 1990. It's true, priorities have changed, according to Richardson. Agricultural is taking second place. The environment is number one.

A bill has already been introduced which would make farmers who contaminate groundwater ineligible for farm programs. It would also increase target prices and other subsidies for farmers who switch to USDA approved low-input practices.

Farmers must be involved with the legislative-making process to insure that the regulations which are passed, their passage is imminent, are not detrimental to farmers.

Richardson's final words, "Either the farmers set their own agenda or the environmentalists will."

Fear of the unknown

The productivity of the American farmer has come to depend upon certain practices in order to keep costs to a minimum and productivity at its peak level. Because of these practices, Americans can enjoy the lowest-priced food in the world.

"It has become evident that the resulting highly intensified farming systems have side effects which can adversely impact the surrounding environment, as well as the farm itself," said Richard Weismiller, University of Maryland agronomist.

Speaking on "Conservation Tillage and Ground Water Quality", Weismiller pointed out, environmental damage has not resulted from the farmer's intentional disregard of the environment. In many cases, farmers followed the recommendations of the experts in the industry and in educational institutions.

"It's mainly peer pressure that keeps more of you from acting on the new realities and setting your own environmental agenda," said Richardson. "Who wants to face off with powerful commodity organizations? The choice is yours and it gets down to each of you and your courage."

Agricultural practices do impact on the environment. But the magnitude of the impact is unknown and before measures can be taken to protect ground water quality and to address other environmental concerns much more information needs to be gathered.

"We need to know what is out there," declared Weismiller. "We need more information on the extent of water quality problems. Then we must provide for research to develop the techniques to minimize these problems. Education of the general public is also essential, since public opinion and attitudes can play a mojor role in facilitating or hindering implementation of desired solutions."

Improved Nutrient Efficiency

Nutrient efficiency has gained greater attention recently due mainly to the levels of nitrogen and phosphorus found in the Chesapeake Bay. Sixty percent of this level has been attributed to agricultural run-off. Also, these nutrients are expensive and peak efficiency will save the farmer dollars.

Dr. V. Allan Bendel, Extension Soils Specialist of the University of Maryland outlined several practices to increase efficiency: rate of application, source of nutrient, time of application, and placement to plant.

In several controlled studies plant response to nitrogen and phosphorus was greatest when the following steps were followed:

—1. Soil test on a regular basis, preferably annually, and always test the same time of year.

—2. Do not apply the major portion of your nitrogen fertilizer in a tank mix broadcast application along with herbicides.

—3. If surface applied, the bulk of the recommended nitrogen should be side dressed after the corn has been planted, preferably three to four weeks after planting for maximum efficiency. This would be true for most soil types.

Farmers can expect the 1990 farm bill to be "the battleground for groundwater regulation and control," according to Richardson and he challenged farmers to become the directors of change instead of the victims.

—4. If injecting, the timing is not as critical as for surface applications. On medium textured, well drained soils applications near planting have been as satisfactory as delayed applications. However, to minimize the chances for N losses a good rule of thumb is to apply N as close as possible to the time of need by the plant, particularly on the sandier textured soils where leaching could be a problem.

—5. No benefits have been obtained from the use of nitrogen stabilizers when combined with 30 percent UAN solution.

—6. Phosphorus efficiency can be maximized by maintaining soil pH at the recommended level, by banding in the row, using granulated rather than pulverized fertilizers, and in the case of no-tillage, by surface broadcasting.

Round-Up Tolerance In Crops

In the near future farmers may be able to spray crops as well as weeds with Roundup with little to no crop damage. Dr. Stephen R. Padgette, from Monsanto the makers of the herbicide Roundup did not give the audience at the Mid—Atlantic Conservation Tillage Conference a date on the availability of Roundup-tolerant crops.

But Monsanto researchers have made progress on a long list of dicots such as tomatoes, potatoes, cotton, cabbage as well as many others and are making progress on monocots, specifically corn.

There has been great success in Canada with Roundup-tolerant canola. Researchers are working to alter the genes in the soybean and have had some success on the Peking variety and are working to get the soybean testing done.

Correct High SPC and PI Bacteria Counts

BY STEPHEN B. SPENCER & SIDNEY E. BARNARD
Professors of Dairy and Food Science
The Pennsylvania State University

High bacteria counts can be troublesome and their persistence may lead to the loss of quality premiums or your market. There are several types of bacterial tests used to check your milk for quality.

1. Standard Plate Counts (SPC). This test is used throughout the industry and is required by FDA and state regulatory agencies. The limit is a count of 100,000 per ml in 2 of 4 official counts. Most milk receivers establish lower limits than 100,000 with premium payments requiring 10,000 or less. It should be the goal of every dairyman to maintain counts under 10,000 per ml.

2. Plate Loop Count (PLC). The plate loop count is similar to the standard plate count (SPC). A wire loop is used to transfer milk to a petri dish instead of dilution procedures used in the standard plate count. The goals should be the same as the SPC.

3. Thermoduric Count or Lab Pasteurized Count (CLP). The thermoduric count is used to determine the extent to which organisms are present in milk after the milk has been subjected to pasteurization temperatures. A count of under 1,000 per ml. is excellent, because these bacteria do not affect keeping quality. Most states do not require this test.

4. Preliminary Incubation Count (PI or PIC). The milk sample is incubated at 55°F for a period of 18 hours. If many organisms are present that normally do not grow at refrigeration temperatures, this temperature elevation accelerates their growth. These types of organisms are usually associated with off-flavors, milk spoilage, and short shelf life. The PI Count should certainly be under 100,000 but counts of less than 20,000 or even 10,000 per ml. should be the goal. This is the most important quality test affecting sales of your milk.

In general, high bacteria counts are caused by improperly cleaned equipment or unsanitary production practices, (udder preparation) or poor cooling. Occasionally high bacteria counts may result from udder infections (mastitis). Usually high bacteria counts due to mastitis are from the streptococcus variety during the clinical stage. Thus, it is important to check the milk with a strip cup or strip plate imbedded in the floor of the parlor for abnormal milk. Cows with abnormal milk should be segregated and evaluated for treatment and their milk withheld from the milk supply.

— Check Your Procedures —

"No" answers are possible causes of high bacteria counts.

Dairy Cows	Yes	No
1. Are cows clipped?	( )	( )
2. Are they reasonably clean?	( )	( )
3. Are cows fenced from swampy, muddy areas?	( )	( )
4. Are cows free of disease? (mastitis and others)	( )	( )
Udder Preparation		
1. Are single service paper towels used?	( )	( )
2. Is an approved udder wash sanitizer used in proper concentration?	( )	( )
3. Are teats wiped reasonably dry before applying the machine?	( )	( )
4. Is a strip cup used regularly for the detection of abnormal milk?	( )	( )
Optional pre-dipping udder preparations		
1. Are udders brushed off before applying pre-dip?	( )	( )
2. Are dirty cows washed and dried before pre-dipping?	( )	( )
3. Is the teat dip wiped off before applying the machine?	( )	( )
4. Is a properly labeled product being used as a pre-dip?	( )	( )
General facilities and procedures		
1. Is an adequate supply of soft water available?	( )	( )
2. Is equipment rinsed immediately after use with warm (100-110°F) water?	( )	( )
3. Has a cleaning program been developed after water analysis and posted?	( )	( )
4. Are brushes in good condition and the appropriate brushes available?	( )	( )
5. Does examination of the filtering material reveal an absence of foreign matter (sediment, straw, or sawdust)?	( )	( )
6. Are the floors of the milking area free from dust or dirt that might be drawn into milking units?	( )	( )
7. Are the chores of feeding, bedding cows, and sweeping floors avoided during milking?	( )	( )
8. Is "wet hand milking" or stripping avoided?	( )	( )
Milking machines, conventional		
1. Are inflations and all other rubber, plastic, and rubber-like parts clean and free from cracks or deterioration?	( )	( )
2. Are milk hoses (including stanchion hoses) cleaned after each milking with proper brushes or burrs and stored to drain dry?	( )	( )
3. Is there an absence of rust or open seams?	( )	( )
4. Are gaskets and milk valves removed, cleaned, and brushed daily?	( )	( )
5. Are claw pieces disassembled and thoroughly brushed or automatically washed after each milking?	( )	( )
6. Are check valves in good repair, in place, and seating properly?	( )	( )
7. Are pulsator air ports clean?	( )	( )
8. Does vacuum line slope to drain with drain valves at low points?	( )	( )
9. Are vacuum lines cleaned and flushed regularly (at least every 3 months) or whenever milk enters the vacuum line?	( )	( )
10. Is equipment stored to drain dry.	( )	( )
11. Are metal surfaces clean?	( )	( )

(Turn to Page A38)

Sire Power Holstein Classification Update

Sire Power, Inc., recently classified its Holstein bulls at the Tunkhannock, Pennsylvania headquarter facilities. One hundred sixteen bulls were evaluated by Holstein Association classifier, Devlyn Hurley.

9H904 Relay Arise SWD VANGUARD-02-ET was raised to Excellent 91. This high PDT (+3.03) Valiant son is a fourth generation Excellent, and is ranked first among the breed's Top 400 TPI bulls for udder composite score. 16H162 Star-Hi ENHANCER added a point to be classified EX-92. ENHANCER is a quadruple-plus Chairman son owned by KABSU, a member of the Allied Genes marketing group. Another Chairman son that gained in score was 9H939 Browncroft FRONTIER-ET, increasing from VG-85 to VG-88.

Two popular bulls for feet, legs, and udder improvement also showed nice increases in score. At nine and a half years of age, 9H692 POTTS Southern Man-Twin was raised from GP-82 to VG-85. Jumping from GP-80 to VG-85 was 9H924 Opperman TONG-ET, a Mars Tony son released following the July 1988 sire summary.

9H883 Lylehaven FRICTION-ET remained at EX-92, while 9H830 Lutz-Brookview Ivan MARVEL-ET, 9H869 Huberview Sexation MAJURO, and maternal brothers 9H758 Brooks-Twain Valiant SAMMY-ET and 9H780 Brooks-Twain Nugget SATAN *RC all maintained their previous scores of EX-91.

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(Continued from Page A37)

*** Note: Examine all milk contact surfaces *when dry* for evidence of deposit. A bluish or rainbow appearance is an indication of mineral deposit. Chlorinated cleaners remove protein while acid cleaners remove milkstone. It is advisable to install a water softener when the water supply is very hard (in excess of 20 grains hardness). The use of an acidified final rinse aids in preventing waterstone deposits.**

Pipeline milkers

1. Has a specific cleaning and sanitizing program been developed and is it followed? This should be based upon a water hardness test and give specific materials, amounts of water and cleaner, circulation times, and temperatures to use. ( ) ( )
2. Are the specified temperatures maintained (110°F. minimum)? ( ) ( )
3. Is non-CIP equipment disassembled and hand cleaned daily? ( ) ( )
4. Does the entire line drain properly? ( ) ( )
5. Are gaskets in good condition with flush joints and changed when necessary? ( ) ( )
6. Are rubber, plastic, glass and rubber-like parts clean and free from cracks and deterioration? ( ) ( )
7. Are milk port openings, swinging joints, milk pumps, and claw assembles clean? ( ) ( )
8. Does the main vacuum supply line slope away from the receiver toward the sanitary trap? ( ) ( )
9. Are sanitary traps installed and properly located? ( ) ( )
10. Are alternate water and air slugs maintained throughout the line during cleaning? ( ) ( )

Transfer systems

1. Are milk pumps and/or releasers clean? ( ) ( )
2. Are milk contact surfaces clean? ( ) ( )
3. Are hoses and connections clean and thoroughly dried after use? ( ) ( )
4. Is filtered air used to dry long lengths of plastic tubing? ( ) ( )
5. Are sanitary traps installed and properly located? ( ) ( )

Can operations

1. Is the cooler water clean, changed regularly, and a sanitizer added? ( ) ( )
2. Is there a sufficient supply of ice on the refrigeration coils or is sufficient ice added? ( ) ( )
3. (a) Is the water level in the cooler above the level of milk in the cans? ( ) ( )
   (b) Is the cooling water circulated for at least 2 hours in spray-type coolers? ( ) ( )
4. Is milk temperature down to 50°F, within 2 hours after milking? ( ) ( )
5. Are cans clean and in good condition with no evidence of rust spots or open seams? ( ) ( )
6. Are cans free from odors? ( ) ( )
7. Are cans returned to the farm in a clean, dry condition and do they remain dry? ( ) ( )
8. Are cans sanitized before use, especially if not stored by inverting on a rack? ( ) ( )

Bulk tanks

1. Are surfaces clean, with no evidence of milkstone or protein deposits? ( ) ( )
2. Are outlet valves, agitators, and bridge surfaces clean with no evidence of milkstone or protein deposits? ( ) ( )
3. Is the temperature of the milk down to 50°F. within 1 hour after milking and to 40°F. or less within one additional hour? ( ) ( )
4. Does the blend temperature remain below 45°F. at all times during 2nd and subsequent milkings? ( ) ( )
5. Is it impossible for contamination to occur due to condensation from dripping pipes and ceilings? ( ) ( )
6. Is care used in rinsing the top of the bulk tanks to prevent the entrance of water when milk is present? ( ) ( )

Pennsylvanian Wins National Award

ST. LOUIS, Mo. — Doyle E. Paul, agricultural education instructor in the Berlin Brothersvalley School District, was recognized as one of the six regional national winners. The other regional national winners were from Utah, Oklahoma, Iowa, Illinois, and Florida. The award was presented by the National Vocational Agricultural Teachers Association (NVATA) during the recent NVATA/AVA Convention in St. Louis, Mo. The award was sponsored by Ford New Holland, New Holland, Pa., in cooperation with the NVATA, a national professional organization representing agricultural educators throughout the United States.

Vocational agriculture teachers currently serve more than 750,000 students in secondary, postsecondary and adult education programs in approximately 8,000 communities. In-school students seek vocational education in agriculture for entry into the agriculture/agribusiness industry. Other students are youth and adults already in the world of work who need vocational and technical education in agriculture to improve their job performance. The "Outstanding Teacher of Vocational Agriculture Award" recognizes NVATA members who are at the pinnacle of their profession--those conducting the highest quality vocational education programs in agriculture..

Doyle E. Paul

Ford New Holland provided transportation and lodging during the NVATA National Convention in St. Louis. Paul received an attractive plaque during the convention to commemorate the award.

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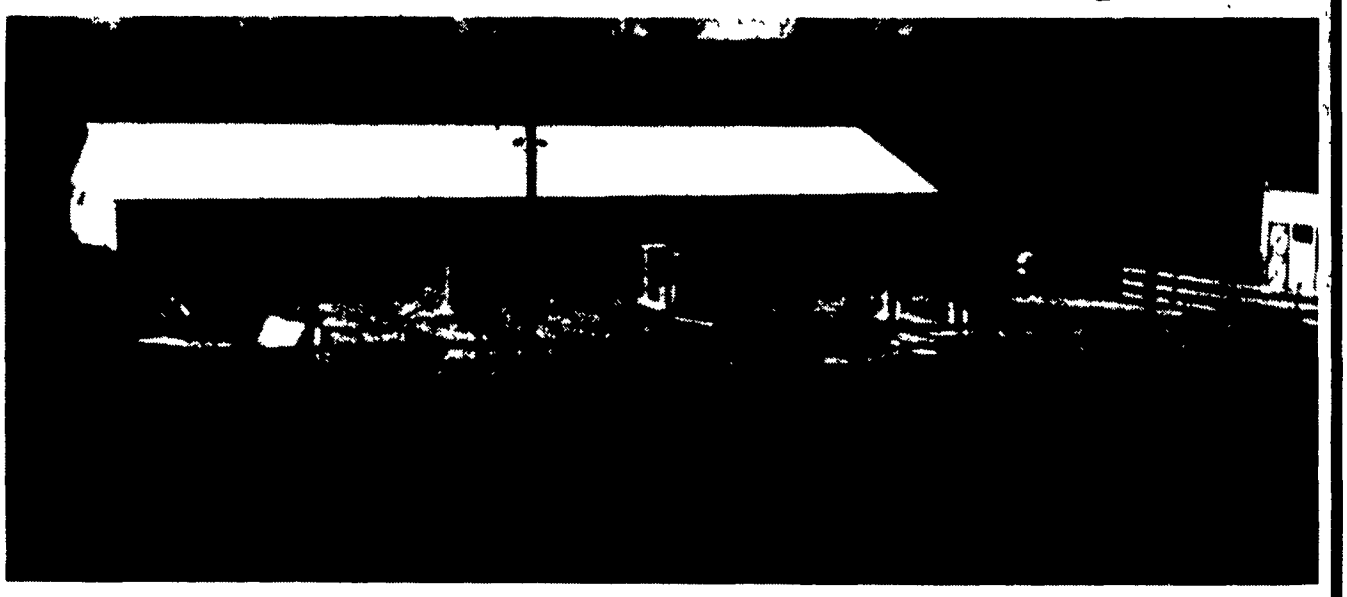

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- Timber Column Construction
- Roof Trusses 4' On Center, Which Allows Heavier Snow Load
- Onduline Roofing
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Part of a profitable production program is efficient use of nitrogen. This has a dual purpose: to produce excellent yields that cut costs per unit, and to minimize soil accumulations of carryover nitrate-nitrogen which might leach into groundwater. It's immaterial whether the source of nitrogen is commercial fertilizer, manure or legume nitrogen. Efficient utilization and minimization of carryover are important.

But if other nutrients such as phosphorus are not present in adequate amounts, plants cannot maximize the conversion of nitrogen into grain and protein. Yields and profits drop and nitrate-nitrogen may accumulate in the soil. Data from university and government research in the U.S. and Canada emphasize the role of phosphorus in nitrogen use efficiency--and in higher feed grain profitability.

Long-term studies make the point best. In Kansas, a 27-year irrigated corn project with nitrogen rates up to 200 pounds per acre showed no consistent effects of phosphorus in the first five years. Highest yields came from the highest rates of nitrogen--200 pounds per acre. But when only nitrogen was applied, phosphorus soil tests began a steady decline.

As phosphorus soil tests continued to decline, responses to phosphorus fertilizer increased and yields were maximized at 160 pounds of nitrogen per acre. By the 1980s, nitrogen applied without phosphorus increased yields an average of only 41 bushels per acre (eight-year average). However, nitrogen with adequate phosphorus increased yields 84 bushels per acre averaged over that same eight-year period. Meanwhile, nitrogen removal increased by over 30 pounds per acre. At the same time, soil organic matter levels were gradually rising from the larger amounts of residue returned from the better crops.

Another way to evaluate phosphorus effects on nitrogen use efficiency is by determining nitrogen removal in the harvested grain. In Indiana, adequate phosphorus and potassium increased corn yields 47 bushels per acre and decreased carryover of unused nitrogen by 52 pounds per acre. That means higher profits and less nitrate to be leached toward groundwater.

Don't let inattention to crop needs cut your profits for 1989. Be sure to supply the phosphorus needed according to soil test and cash in on the better prospects for 1989.

Erie County Extension Service

(Continued from Page A34)

naging a pest problem.

Erie participated in a multi-county Dairy Nutrition School that covered the range of ruminant nutrition theory to trouble shooting and body condition scoring. Using the NIR forage testing van, 200 forage samples have been tested and 80 feeding programs formulated. A new program thrust was initiated for private woodland owners of Erie County. More than 650 individuals are enrolled in the Woodland Series of educational publications and receive a monthly newsletter entitled the Woodlander.

In Community Resource Development, 30 newly elected municipal officials, representing 19 townships, received training; 50 township officials attended a series of four workshops to discuss key issues; and extension specialists met with community leaders to improve industrial development potential through the use of a data base system.

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(Note Starting Times and Locations)

10:00 A.M. Selling First At The House on Rte. 14A about 3 miles south of Dundee, 2 miles north of Rte. 226-14A intersection. (Rte. 17 Expressway Exit #40 at Savona, NY)

Modern Furnishings: (most near new!) Frigidaire refr. with top freezer; 2 chest deep freezes; Maytag auto. washer and dryer; Zenith digital system large screen family television in oak case; Channel Master dish antenna with Videocipher II control; A great 8 pc. solid oak formal diningroom suite with oval extension table, beautiful hutch with bevel glass top and cupboard base and 6 bentwood type spindle back chairs; Howard Miller grandfathers clock with chimes, in beautiful dark mahogany case with bow glass door and brass weights and pendulum; upholstered beige playpen couch system (3 couches and 3 ottomen); beige recliner that matches couches; beautiful single blue couch; king size water bed in pine wood frame; vanity desk type dresser; 2 pine matching 5 drawer chests; single trundle bed, older upright piano; folding ping pong table; golf clubs; picnic table with umbrella; wheel barrow; Craftsman tool box rolling base; shop vacuum; and usual other household items!

Vehicles and Lawn Tools: 1986 Chrsyler LeBarron convertible, 2 door, air, power, stereo, etc., nice and just 52,538 miles!; 1987 Dodge 150 4x4 short box pickup, 21,350 miles, complete with Myers all angle snow plow; 1982 Dodge (small size) 4x4 pickup, 47,000 miles as is condition; JD 330 diesel garden tractor with hydrostatic trans., hyd., belly mower, etc. real nice!; Sears utility lawn dump trailer; Yellow Bird 3 h.p. rototiller; 2 very nice well built wood frame gambrel roof utility buildings; App. 450 locust fence posts, in lots.

12:00 NOON At the Farm On Fenno Road Just Off Rte. 14A about 3 miles south of Dundee.

Interstate Tested Dairy Herd Consisting of 52 Milking Age Females (28 Holsteins and 24 Jersey) about 1/2 of the Jerseys are registered; Growthy Heifers Include 1 Holstein bagging heifer; 1 Jersey short bred; 6 Holstein open yearlings; 1 Jersey and 2 Jersey-Holstein cross yearlings; 11 Holstein calves to about 10 mo.; 7 Jersey calves to about 10 mo.; 2 Jersey-Holstein cross 6 mo. old calves; 1 Holstein bull calf.

Cattle will be pregnancy examined, inoculated against shipping fever, blood and T.B. tested! Reliable truckers on site!

Produce: App. 250 ton of Alfalfa haylage in concrete bunk, tested 23% protein; App. 250 ton of corn ensilage in concrete bunk; App. 1800 bales of nice 2nd cut Alfalfa hay in one lot, tested 22% protein; App. 640 bales of late cut Broome grass hay in one lot; App. 75 round bales of (app. 500 lb. size) late cut grass hay; 11 bags of Rye seed.

Good Clean Farm Machinery: Tractors: JD 4430, power shift, 20.8-34 rubber; JD 2510 diesel, wide front; Ford 3000 diesel, selectomatic, with brand new Ford 776 B all hyd. loader offered 3 ways; JD B narrow front with roll-o-matic and 3 pt. hitch.

The Following Almost Brand New Machinery! JD 1327 disk type newest style haybine cut about 40 acres!; JD 450 Hydropush spreader with hyd. end gate, 1 yr. old; JD 3 pt. 5 ft. rotary mower; Knight "Little Auggie" model LA9C total mix ration feed wagon, just 12 mo. old!; dual model 210 all hyd. front end loader with self leveling bucket, 1 yr. old; Badger 1416 3 beater s.u. wagon on tandem axle gear, 1 yr. old!; Hesston 5530 round baler (app. 500 lb. size), 1 yr. old; Wright Built 10 ft. x 16 ft. wooden basket rack on 8 ton gear.

Other Machinery: Fox 2 beater s.u. box on tandem gear; Gehl 2 beater s.u. box on gear; JD 15A flail chopper; IH 470 16 ft. transport disk; IH 35 hay rake; NH 55 hay rake (as is); NH 18 ft. skeleton elevator; Ferguson 3 pt. 2 bottom plow; Kasten blower, as is; wooden basket rack on old JD gear; wide front end assembly, as is, for JD 4020 size tractor.

New Grain Bin-Silo-Livestock and Barn Equipment: brand new (in pile not erected) 18 ft. diameter 16 ft. steel grain bin (3200 bu.); Unadilla 12 x 30 ft. wooden silo, 3 yr. old; new Dynavent HPG bedding chipper with Honda engine; new Universal fiberglass feed cart; new M.V.E. model XC 43/28 frozen semen tank and breeding box; 2 brand new 48 in. portable alley fans!; Sears solar electric fencer; 2 round bale feeders; 2 stock water tanks; rubber tire wheel barrow; aluminum scoop shovel.

REAL ESTATE: For Sale at Private Treaty with James Pirrung Realtor Associate/Thomas Wamp, Broker.

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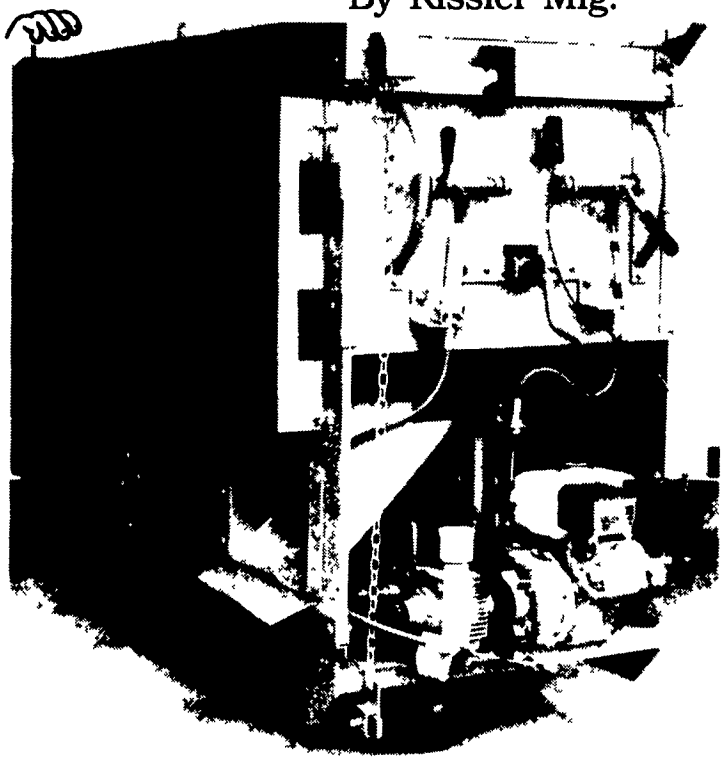

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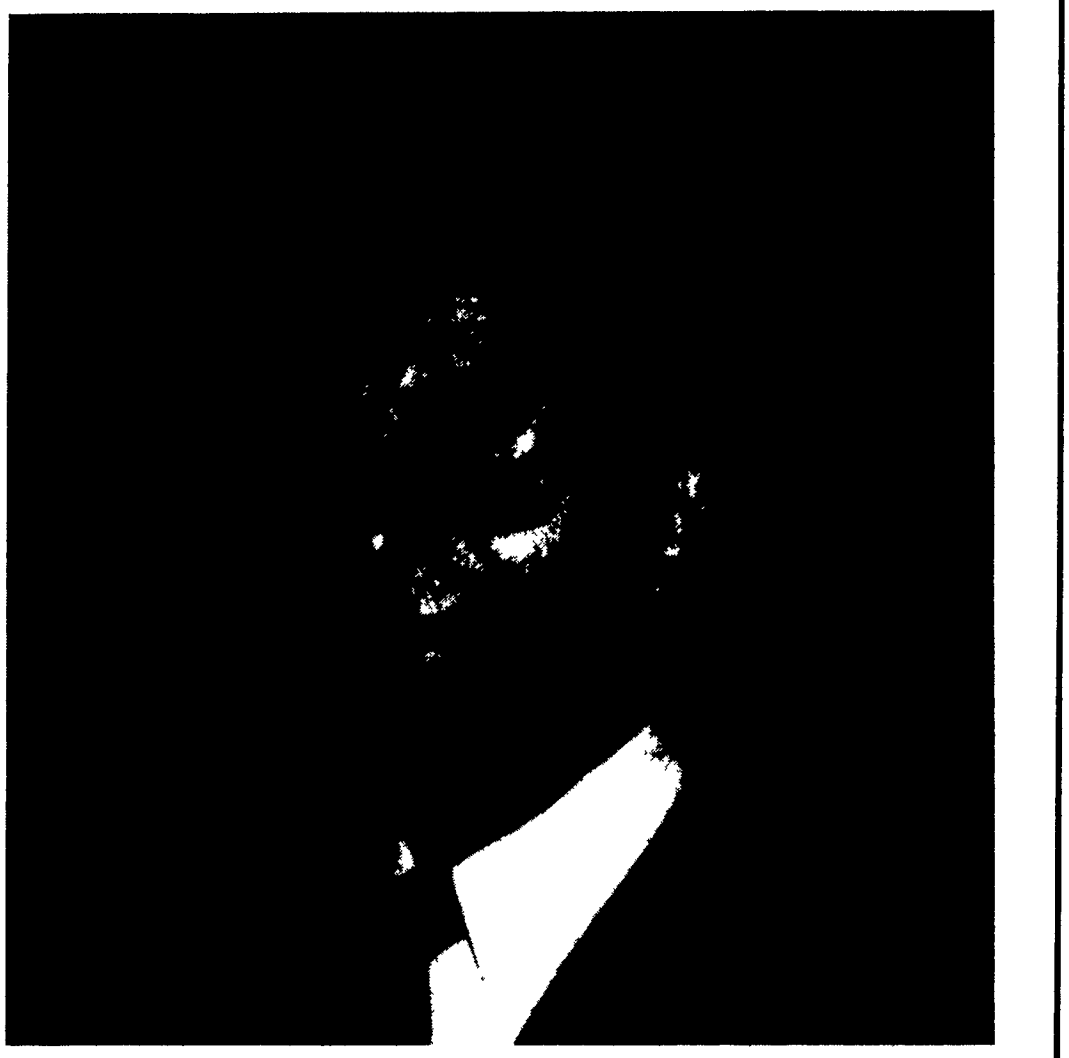

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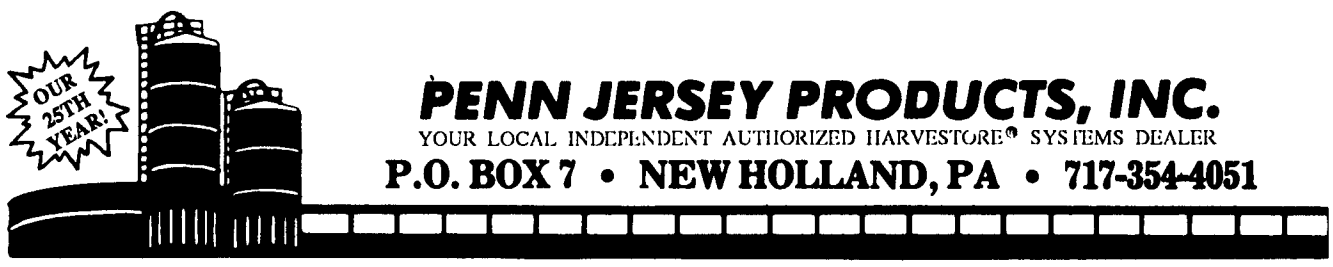

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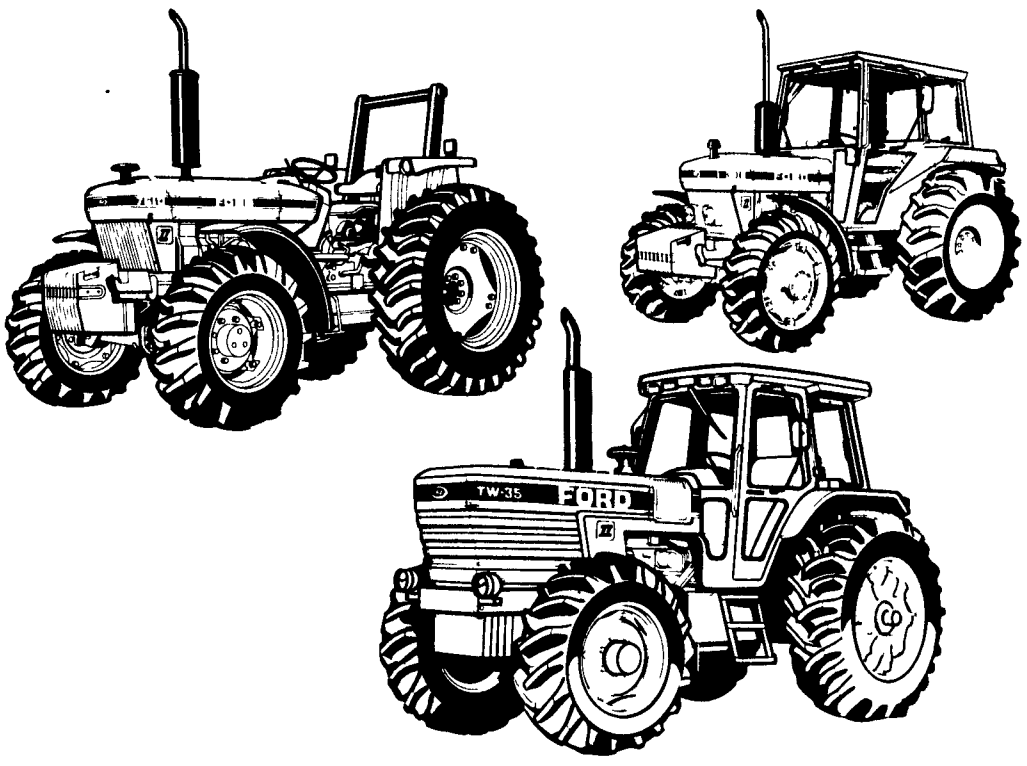

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The Tinsmith Who Found His Life's Calling

BY LOU ANN GOOD

DENVER (Lancaster) — "I always wanted to make a toy," tinsmith Charles Messner confided.

This year he made 50 special edition trucks that sell at $300 each. Despite the realization of his dream, one disappointment faces this accomplished toymaker. He said, "I'm so busy, I don't have time to play with them."

Honestly, he really doesn't mine being busy. It's a way of life for him except for a short period of time 28 years ago when he couldn't work for six months because of a wrist injury.

"I thought the world had come to an end," Messner recalls of those dark days when doctors were uncertain that he would regain the use of his hand.

Bored with his slow recuperation, Messner decided to make some tin cookie cutters for his wife. Because he couldn't use his one wrist, he maneuvered the tin with his stomach and his one hand. At first, he was clumsy and a bit slow, but his wife was pleased with the cutters and told a few friends who ordered some.

Messner can't explain the next step, but somehow, a local tourist attraction heard of his cookie cutters and ordered a substantial amount.

"After that, things just took off like wildfire," said Messner.

People started bringing him pictures of tinware and asking if he could make it for them. Soon, nothing was too difficult for him.

Today, his shop that houses his fulltime business, is filled with tin chandeliers, scones, lanterns, and numerous antique reproductions of tin items.

"I like the challenge of seeing something and saying, "I can do that," Messner admits. "People can explain what they want and I can see it in my mind and then I make it."

His wife, Ruth, helps in the business by putting handles on the back of the cookie cutters, by doing the bookkeeping and shipping the products.

She adds her own unique touch by enclosing a recipe with each order. (See page B6 for her featured recipe).

"We got a good business," Messner said. "We can work on this together and if we want to go somewhere, we can just close shop and go."

The tinsmith gets some of his ideas by paging through through magazines featuring colonial history and styles. A glimpse of those picture set his creative wheels spinning and envisioning unique designs.

Messner said, "I have a whole wish drawer filled with pictures of things I'd like to try. I gotta have a challenge. I like doing new things."

Ruth Messner holds one of their best sellers, a Paul Revere lantern while her husband, Charles, holds one of his special edition trucks. Each year, he plans to make a new model. "Those who bought the first year have first chance," he said.

In his spare time, Charles uses his artistical ability on things other than tin. He made this doll house for his granddaughter. It took over 300 pieces for the windows. To get a wood shingle effect for the roof, he sliced seven cigar boxes full of real wooden shingles.

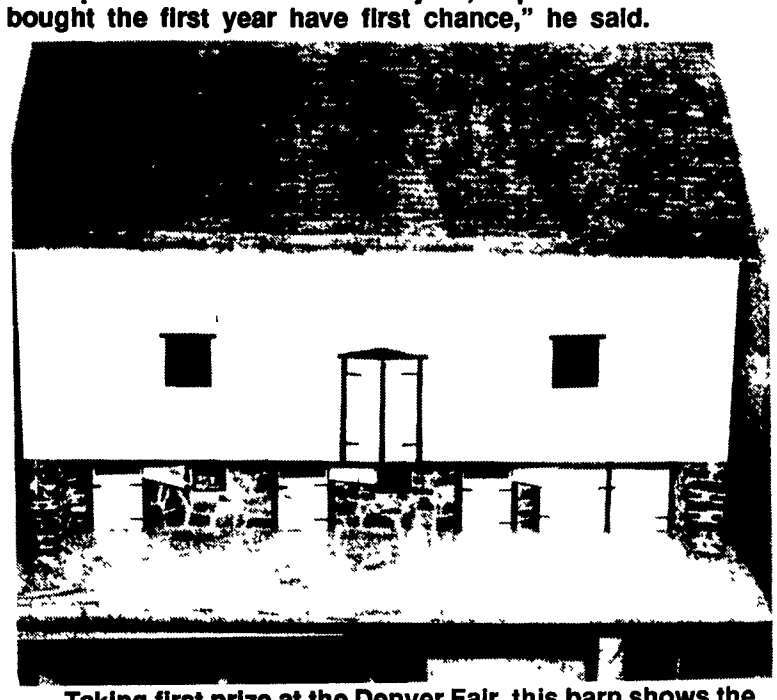
Although he prefers conquering new designs, Messner realizes that repetitive items supply the dollars and cents for much of his business. One of his most popular items is a 10-arm chandelier, copied after a colonial oil lamp that was made with the dual purposes of hanging from the ceiling and for placing on the table when brighter light was needed. Now, of course, Messner electrifies the lamps.

Tin is purchased from Boliva. Messner explained, "Tin isn't manufactured in the U.S., and it's getting harder and harder to find good quality tin." He purchases both lead coated and thin plated steel for his antique reproductions.

Hundreds of tools fill his workshop. By word of mouth, Messner heard about tinsmiths who were going out of business and wanted to sell their tools.

Messner sees every step of the unfolding of his life's work as ordered from God. As a young man he had gone to college to major in industrial arts, but after one year, he dropped out from a nervous breakdown. While recuperating, a tinsmith came to

(Turn to Page B3)



Taking first prize at the Denver Fair, this barn shows the fine craftmanship of Charles Messner. He measured a local barn and built everything to scale. He collected shale, mixed cement and laid the stone wall. When finished, the barn was so heavy, he needed to built a special table to support it.

"I got to have a challenge," Charles Messner says. He finds it among hundreds of tinsmith tools in his Denver shop. Occasionally, he hates parting with an item such as a reproduction of a cookie cutter featuring a fighting cock with spurs. "The original sold for $1,025," he said.

His granddaughter enjoys decorating her doll house. She made curtains and glued on carpet and wallpaper. Everything from a toothbrush to cookie sheets fit the miniature scale.

Homestead Notes

On being a farm wife - And other hazards

Joyce Bupp

Home.

What does the world "home" mean to you? A place? A people? A sense of security or well-being? Sadly, in some cases, a wish for avoidance.

Home, it's often been said, is where they have to take you in when you show up. Home, in my own private definition, is where they love you - in spite of your own personal quirks and shortcomings.

Rarely does the aura and the sense of home reach a level of greater attention and importance than during this bustling, busy, season of Christmas.

For after the shopping, after the wrapping, after the addressing and phone calls, after cleaning and baking, after holiday parties and seasonal programs - it is to "home" that we converge. By car, by train, by bus and by plane, we return to the bosom of family love.

Some even come on foot. Like Fred, for instance.

Calm, assured and with a well-developed sense of where he's usually headed, Fred's life has been intertwined with ours for some time now. Though he spent several months with us after we first became acquainted, the day came a few years ago when Fred felt the urge to move on.

Periodically, someone would spot him in the area.

"I saw Fred today," the Farmer or one of the kids might announce at dinner. "He looks good."

Occasionally he'd even stop by to pay a brief visit, to linger by the pond or hunt in the woods. But, just as unexpectedly as he turned up on the front porch, Fred would quietly disappear again.

Until last week.

"Fred!" greeted the Farmer in a surprised voice, as he proceeded me into the kitchen late one day last week. "What are you doing here?"

Fred hauled himself up from where he was curled on the braided rug in the kitchen, and moseyed on over to the catfood dish. His huge green eyes glowed brightly from the broad, black thick fur of his face, adorned with wide-set whiskers.

"Feed me," commanded those eyes. Obediently, I poured out an appetizer of milk and an entre' of dry cat food.

Life has been good to our "street" cat, who a few years ago chose to make his way in the great outdoors. Of course, we have no way of knowing where he might hang out when not prowling the meadow, or patiently stalking frogs.

But we do often spot him a half-milk away at Grandpa's pond, his luxurious, black, Persian coat shining in the sun, while he sits by the water's edge. Lately, the kids have reported Fred frequenting the hay mow at the heifer barn beyond the meadow.

Solidly muscled, weighing probably near 15 pounds, Fred has found living off the land - or perhaps mooching off our kind neighbors - to be joyfully carefree and infinitely fulfilling.

But now he's come home, slipping through the door to dine, lounging underfoot on the rug at the sink or catnapping on a cushion of a kitchen chair. Straggly bigs of hay entwined in this brushy tail suggest nighttime snoozes among the hay bales in the barn.

As in some human families, there appears to be a smidgeon of resentment that Fred simply turns up out of the blue and seemingly takes over. Monk, our housecat, pouts in the basement when he's around, growls at his presence on her rug, and snags a spot in my lap for reassurance at every opportunity.

Two nights after Fred returned, temperatures collapsed to the single digit level. And, on one of his front legs, Fred has a rather nasty infection. Though he isn't fond of treatment with an antiseptic, the furry wanderer stays on.

Home. For the warmth? For healing? For affection? Or just to be here for the holidays?

Home. Where we go for love and comfort.

In his own uncanny, uncluttered, carefree way, Fred, is proving to be almost human.

Tinsmith

(Continued from Page B2)

fix the flashing on their chimney. Messner recalls, "My dad said, 'Hang around him and see if you can learn something.'"

Messner did. The tinsmith taught him how to put on tin roofs and make spouting. Messner was content with his life's work until his wrist injury.

Of that era, Messner states, "Although I thought the world had come to an end, it was only the beginning of something great happening, not the end. God was guiding me all the way."

While visitors to his shop ooh and ahh over his creations, Messner brushes off their compliments by saying, "Everyone has one outstanding thing they can do. They just have to find it."

Messner picked up a hollow tin horse that he's making to go with a reproduction of a horsedrawn carriage. Pleasure shone in his eyes as he told of the hundreds of hours required to do the project.

He said, "I'm thankful the Lord gave me two hands to work with and that he directs me. I can't take any credit to myself. I'm fortunate. I feel the Lord wants me to do exactly what I'm doing and I'm happy doing it."

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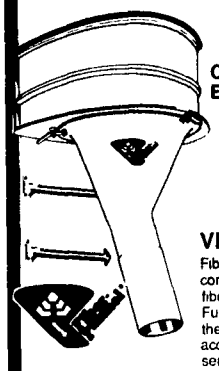

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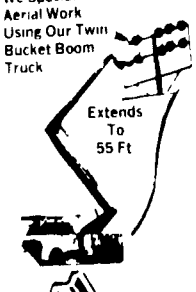

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MICROWAVE MINUTES

By JOYCE BATTCHER

Candy cookies. That's what I call those sweet delectible tidbits that are called cookies, but taste like candy.

Candy cookies are easy to microwave. You probably have a few favorites that you've made for years on the range.

I think of the wonderfully sweet, chocolatey drop candy cookies made with oatmeal and coconut.

How easy they are to microwave! Conventional directions say to bring the sugar, cocoa, butter and milk to a boil, stirring all the while, and boil the mixture for three minutes. Just do the same thing in the microwave — except you only need to stir once or twice. Use a very large container to allow for boiling, stir it once to dissolve the sugar and let it come to a boil. Quickly stir, reset your microwave for three minutes and let the candy boil. Add the other ingredients and finish it like you always have.

Another one is Rice Krispie Bars. Some microwavers complain that their microwaved version turns out dry. That happens when you cook the marshmallows too long.

The best way is to melt butter first; then add the marshmallows, stirring to coat them with the butter. Microwave time is just when the marshmallows puff — only about 45 to 90 seconds on High. (Fresh soft marshmallows melt faster than old, hard ones.) Stir the puffed marshmallows until they are completely melted, stir in the cereal and pour into a cake pan.

Some cooks melt the marshmallows in a 9x13-inch microwavable baking dish. That works okay. But, more stirring is needed or a lower power setting in order to evenly melt the marshmallows and then often the bars stick to the pan bottom. Use a large deep dish for microwaving so you can add the cereal to it and save a dish. Remember? It used to take three dishes when you did it the old-fashioned range-top way!

The other classic candy cookie that comes to mind is a date and rice cereal confection. Conventionally, you'd have to chop the dates before cooking and you have to stir constantly to prevent scorching as the thick sugary mixture cooks. With your microwave, there's no need to chop dates. Just microwave them with the liquid called for in the recipe. Cover the dish with plastic wrap and the steam which forms during heating will soften the dates. Stir them until smooth. Then, stir in the other ingredients. One quick stir halfway through cooking is all you need. Again, start with a large container, so you can add the cereal to the cooked mixture and save on dish washing.

Today's candy cookie recipes offer new exciting flavors for your holiday cookie assortment. They are easy to stir together, easy to cook and best of all, they are good to eat.

Easy Fruit Cake Cookies

1 can (8 ounces) crushed pineapple
½ cup pitted dates
1 cup mixed chopped fruitcake fruit
½ cup firmly packed brown sugar
6 tablespoons butter
1 egg
1 teaspoon vanilla extract
3 cups oven-roasted rice cereal
1 cup chopped nuts
1 cup shredded coconut

Drain pineapple, reserving 2 tablespoons juice. Combine the pineapple juice and dates in a microwave-safe 2-quart measure or casserole. Cover with plastic wrap. Microwave (High) 2 to 3 minutes, stirring after 1 minute. Cook until dates are softened and can be stirred to make a paste. Stir in drained pineapple, mixed fruit, sugar, butter, egg and vanilla; mix well. Microwave (High), uncovered, 2 to 4 minutes, stirring after each 1 minute. When done, mixture should be thick and form a ball when stirred. Cool 10 minutes. Stir in cereal and nuts. Shape into 1-inch balls. Roll in coconut. Placed on waxed paper. Chill until firm, 3 to 4 hous. Store in tightly covered container in refrigerator for up to two weeks. These also freeze well. Makes about 60 cookies.

Each cookie: 58 calories, 0 protein, 4g fat, 6g carbohydrate, 20mg sodium, 9mg cholesterol.

Chewy Mint Squares

1 cup all-purpose flour
⅓ cup granulated sugar
¼ teaspoon salt
⅓ cup soft butter
1 egg yolk
½ teaspoon vanilla
1½ cups miniature marshmallows
½ cup light corn syrup
2 tablespoons butter
1 cup mint chocolate chips
1 teaspoon vanilla
1 cup slightly crushed cornflake
1 cup chopped walnuts

In large bowl, combine flour, sugar, and salt. Using 2 forks or pastry blender, cut in butter, egg yolk and vanilla until mixture forms coarse crumbs. Press firmly in bottom of ungreased microwave-safe 8x8-inch baking dish. Microwave (high) 2½ to 4 minutes, rotating pan ¼ turn halfway through cooking. When done, crust should look cooked throughout, but not brown. Immediately sprinkle with marshmallows and cover with waxed paper. Microwave (High) 45 to 60 seconds or until marshmallows puff. Let stand covered while preparing topping.

In microwave-safe 1 quart measure or casserole, combine corn syrup, butter and mint chips. Microwave (High) 2 to 2½ minutes, stirring after 1 minute, or until chips are almost melted. Stir until smooth. Stir in vanilla, cereal and nuts. Spoon warm topping evenly over marshmallows. Chill. Cut into squares. Makes 25 small squares.

Each square: 157 calories, 2g protein, 9g fat, 19g carbohydrate, 78mg sodium, 20mg cholesterol.

Questions and Answers

Q. Can lutefish be cooked in a microwave oven? How do you go about doing it?

A. Lutefish is tricky to cook in the microwave for several reasons. Cooking time varies greatly. The amount of moisture varies in different brands, so one may cook a lot faster than another. It's hard to tell when lutefish is done and it, like other foods, does continue to cook after microwaving.

You'll have to experiment with times. As a guide, microwave on Medium (50% power, 325-350 watts) 7 to 9 minutes per pound. Use a tight cover, like plastic wrap. Turn big pieces over halfway through cooking. Let stand, covered, about 3 minutes.

A friend of mine bakes lutefish in her conventional oven and reheats it in her microwave. With this method she has the lutefish cooked and ready for guests, while the mess (and smell) are gone. She advises to undercook it slightly and watch it carefully during baking, removing pieces as soon as they start to flake. Right before serving, reheat in a microwave-safe covered serving bowl, just long enough to heat through, stirring several times.

Questions for Joyce?

Do you have a question about microwave cooking? Sent it to Microwave Minutes, c/o Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Bath of Ideas" newsletter.

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Select Safe Toys

UNIVERSITY PARK (Centre) — Safety is the first feature to look for when buying toys for a child's holiday gift.

Unsafe or improperly used toys injure thousands of children each year. Thus, parents should examine toys carefully before being confident that all toys available in stores are safe.

Grandparents as well as parents and friends need to check safety features of the toy. Here are some reminders for selecting safe toys this holiday season.

* Choose toys appropriate to the child's age and development. Look for the suggested age level given on the package. Also consider the likelihood of young children playing with toys chosen for an older child.

* When buying an infant's toy, be sure it is soft, durable and too large to be swallowed. If the toy has attached parts, test them to be sure they are firmly attached and can't be pulled off by small, but strong fingers.

* Select chemistry sets and electrically operated toys for older children ONLY.

* Do not buy toys that make excessive noise, such as cap pistols, guns and sirens. If fired too close to a person's ear, these toys may cause hearing impairment.

* After buying a toy, be prepared to instruct children in its use and provide supervision during pay. Supervisions is the best safety precaution a parent can provide in helping children enjoy gifts without injury.

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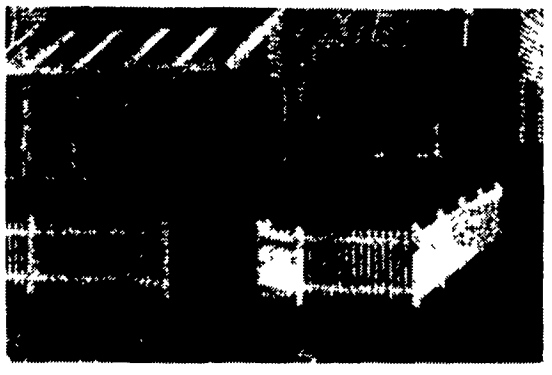

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Have You Heard?

By Doris Thomas

Lancaster Extension
Home Economist

SHOPPER STOPPER AT STAUFFERS — Pamela Daecher (right) of Lititz got a pleasant surprise Saturday at the checkout line of Stauffers of Kissel Hill in Lititz. Lancaster County Dairy Princess Julie Greider informed Daecher she won't have to pay for her dairy products — the skim milk, 2-percent milk and pizza with "Real" cheese (in photo). The Lancaster County Dairy Promotion Committee picked up the tab as part of its Shopper Stopper promotion, in cooperation with Stauffers. From 11 a.m. to 2 p.m. shoppers were randomly selected as bargain winners every 20 minutes, their dairy products paid for by the committee. Greider also passed out dairy recipes and samples of dairy products.

Gift Giving From The Heart

This year why not include some healthful gifts from your kitchen for the people on your Christmas shopping list. There are plenty of delicious and nutritious holiday food ideas, here are a few:

Homemade bread is always a welcome gift at any time of the year. Make mini loaves and experiment with varieties of whole wheat and other grains such as rye and graham. Small loaves of banana, apple or cranberry are other good gift ideas.

Make your own gourmet vinegars by adding herbs to plain vinegar. Put in a big sprig of dill or tarragon and then seal in attractive bottles. This is an easy and unique gift that other cooks will enjoy.

Colorful jars of reduced sugar jams, jellies and applesauce are also gift possibilities or those of you who enjoy canning. Try experimenting with chutneys (fruit and nut combinations) or pepper jelly to add to your standard repertoire of preserves.

Personalized fruit baskets that you select for special friends make great gifts. Along with the traditional components such as apples, oranges, grapes and grapefruit, try including a few of the more exotic fruits such as kiwi, mango, guava and papaya. Use your imagination and put together a healthy, appetizing basket.

Seniors, who are often homebound in the winter, may appreciate a general purpose food basket filled with basics that may save them a trip to the store on a snowy day. Buy individual size portions of tuna, juice packed fruit, and other canned goods. To make it really special add a bag of gourmet ground coffee or herb teas.

Keep Safety in Mind This Holiday Season

With all the holiday festivities that take place this time of year, safety is increasingly important. Traveling to visit loved ones, decorations, gift giving and feast cooking all require safety precautions.

To help keep your holidays safe and healthy, I offer the following tips:

Traffic tends to be heavier as people take to the roads to visit friends and relatives. Drive defensively and keep alert for changing or dangerous road conditions.

If drinking alcohol is part of your seasonal merrymaking, designate a nondrinker to do the driving.

Be alert for hazards in the kitchen when preparing holiday meals. Children should be kept away from ovens and stovetops, and pot handles should be turned in so children cannot reach them. Wipe up spills immediately so no one slips and falls.

If you have company for the holidays, leave a light on at night so they do not trip over or collide with unfamiliar objects. If children are staying in your home, make sure poisonous substances are locked up.

For small children, choose toys that have no sharp edges or pieces small enough to be swallowed.

Select a fresh Christmas tree, position it away from heat sources, and keep the stand filled with water. Turn off indoor and outdoor decorative lights before going to bed or leaving the house.

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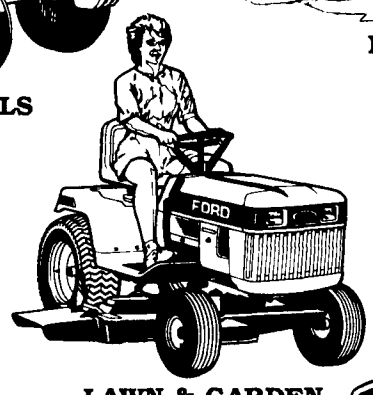

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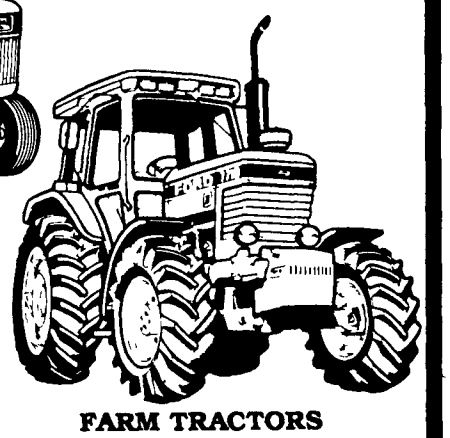

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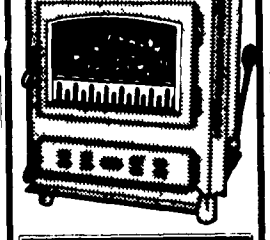

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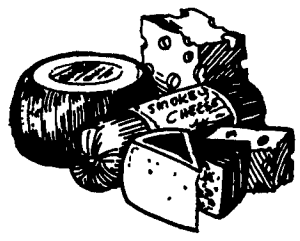
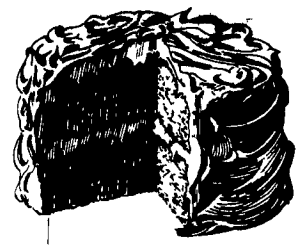


Home On The Range



Hors D' Oeuvres For Holiday Entertaining

The holiday season offers many opportunities for entertaining family and friends.

A stunning all-American cheese buffet is an easy way to entertain — and guests love it because it can present familiar favorites and surprising new flavors all at once. Cheese assortments need only simple accompaniments such as fruit, bread and crackers to make a satisfying brunch, lunch, supper or buffet.

As a general rule, allow about 4 to 6 ounces of cheese per person when serving as an appetizer or dessert. When the cheese buffet is a meal, allow at least 8 ounces per person. Three to six cheese choices, depending on the occasion, offer guests a variety of flavors without overwhelming them.

Cheese tastes best when served at room temperature. Set out hard varieties about an hour before serving time, softer varieties about 30 minutes prior to serving. Remember to allow ample space between cheeses on the serving plate for easy cutting or slicing.

Mary Frederick of Clarion County suggests, "When Christmas carolers come to the door, offer miniature cheese balls instead of candy."

Becky Mauser of Dauphin County suggests: Serve vanilla ice cream balls decorated as Santas, with raisin eyes, cherry nose, and whipped cream as the fur trimming around the neck and on top of Santa's ice cream cone hat.

Also included are some cookie and candy recipes that arrived too late to include in the delegated issue.

CRANBERRY CREAM CHEESE SPREAD

11-ounces cream cheese, softened
16 ounces whole-berry cranberry sauce
4 cup chopped pecans
1 tablespoon orange peel, grated

Beat cream cheese until fluffy. Beat in remaining ingredients. Chill (covered) 1 to 2 hours. Serve with fruits or on pound cake or nut bread. Yields 2 cups.

Irene Zug
Lancaster

BEST-EVER PEANUT BUTTER COOKIES

Sift:
3 cups flour
1 cup sugar
1 teaspoon baking powder

Cut in:
1 cup butter, softened
1 cup creamy peanut butter

Blend in:
½ cup light corn syrup

Place dough on wax paper and roll to size of silver dollar (2-inch in diameter). Refrigerate rolls of dough overnight (makes 4 rolls). Keep dough in wax paper rolls until ready to bake.

Cut in slices ⅛-inch thick. Place one slice on ungreased cookie sheet; top with ½ teaspoon creamy peanut butter each slice; cover with another slice. Seal edges with fork to make filled cookies. (Can bake without peanut butter in between but not as good or as peanutty). Bake at 350 degrees for 12 to 15 minutes.

Contributor writes: "These are fun to bake as family members can share together. One person slices cookies, one person places peanut butter on cookies, one person flukes edges of cookies after placing lids on top — my son loves these the best of all. I have tasted many peanut butter cookies, but these are by far the best I ever tasted. If you want raves over your cookies at Christmas, try these yourself — you'll not be sorry. I make at least 10 different kinds each year, and EVERYONE goes back for one more of these."

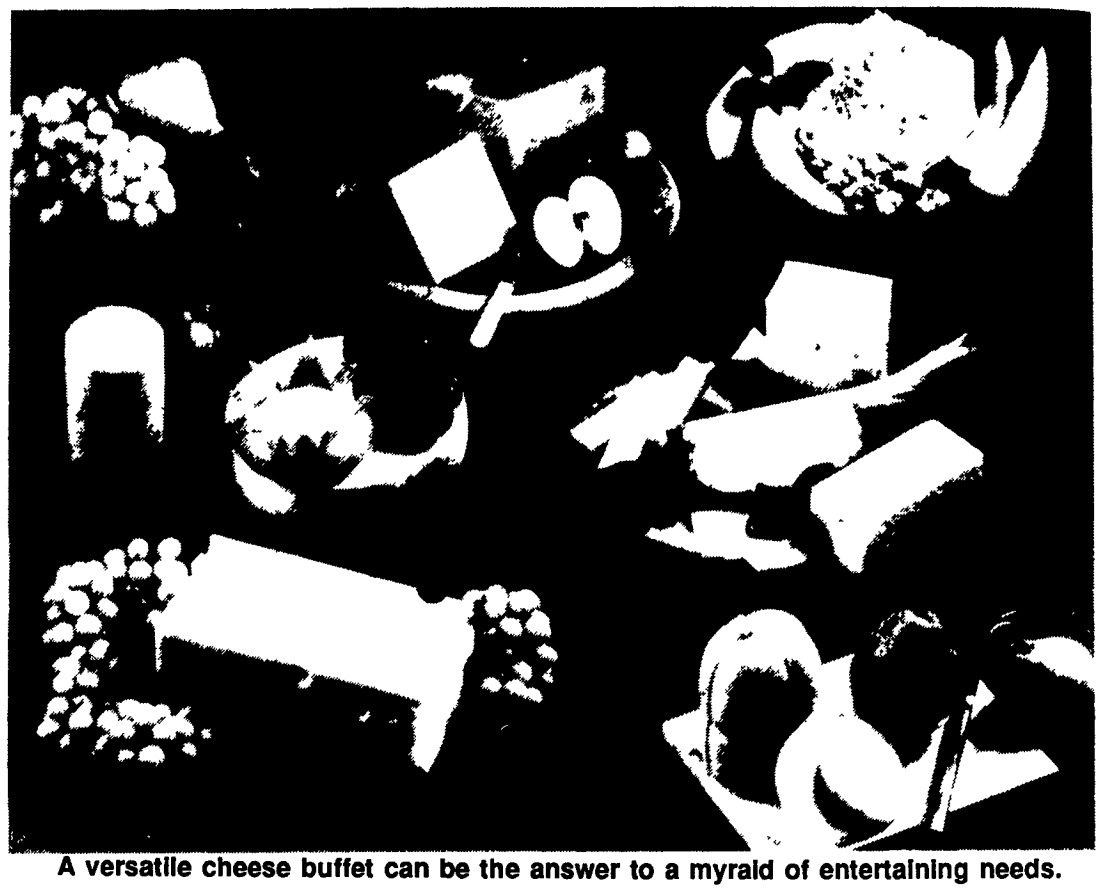
Nancy Hillebrand
Pottstown

HOT CRANBERRY CIDER

1 quart apple cider or juice
1 (32-ounce) bottle cranberry juice cocktail
¼ cup lemon juice from concentrate
⅓ cup firmly packed light brown sugar
8 whole cloves
2 cinnamon sticks

In large saucepan, combine ingredients; bring to a boil. Reduce heat; simmer uncovered 10 minutes. Remove spices. Serve warm.

Borden Kitchens



A versatile cheese buffet can be the answer to a myraid of entertaining needs.

VEGETABLE PIZZA

2 cans crescent rolls

Remove dough from cans and spread flat on a cookie sheet. Bake 10 minutes until brown.

Mix:
1 cup salad dressing
1 8-ounce cream cheese, softened
1 package original Ranch dressing (powdered)

Spread mixture on top of cooled crust.

Sprinkle on top:
Chopped onion to taste
1 cup fresh broccoli, chopped
1 cup fresh cauliflower, chopped
1 green pepper, chopped
1 carrot, grated
Cheddar cheese, shredded

Cut pizza in small serving squares. Travels well.

Pat Lansberry
Woodland

FRUIT CAKE MINIATURES

6 tablespoons butter
1 cup firmly packed brown sugar
2 eggs
¼ cup dairy sour cream
1 cup flour
½ teaspoon salt
¼ teaspoon baking soda
1 teaspoon cinnamon
½ teaspoon ground cloves
⅛ teaspoon allspice
⅛ teaspoon nutmeg
1 cup halved candied cherries
1 cup golden raisins, cut-up
1 cup candied fruit
1 cup chopped nuts

Preheat oven to 350 degrees. Cream butter; add sugar and beat until light and fluffy. Beat in eggs, one at a time. Add sour cream. Combine flour, salt, baking soda and spices. Add to creamed mixture. Reserve 24 cherry halves to decorate top of cakes. Stir in remaining cherries, raisins, fruit and nuts. Fill buttered 2-inch diameter muffin cups ¾ full; center cherry half on each cake. Bake 25 to 30 minutes. Remove cakes from pans and cool completely on wire racks.

Am. Dairy Association

ZIPPY GOUDA PARTY SPREAD

1 (7 or 8 ounces) baby Gouda cheese
¼ cup dairy sour cream
½ teaspoon prepared mustard
¼ teaspoon Worcestershire sauce
⅛ teaspoon garlic salt
Dash hot pepper sauce
1 tablespoon pickle relish
1 tablespoon minced green onion
1 tablespoon minced pimiento
1 package (2½ ounces) smoked sliced beef, chopped

Cut thin slice from top of Gouda shell. Scoop out cheese, leaving shell intact. Bring cheese to room temperature. Beat cheese, sour cream, mustard, Worcestershire sauce, garlic salt and hot pepper sauce until smooth. Add pickle relish, green onion, pimiento and beef; beat until well blended. Spoon mixture into reserved shell, mounding on top. Cover and chill remaining mixture.

Angela Hoover
Lebanon Co. Dairy Princess

PARTY NUTS

½ cup sour cream
½ teaspoon vanilla
½ cup granulated sugar
4 cups walnuts

In saucepan, heat sour cream and sugar until sugar is melted. Remove from heat, add vanilla and the walnuts, mixing well. Spread out on a cookie sheet; when cool, break apart into bite-sized pieces.

Julia Laughery
Crawford Co.

CREAM CHEESE MINTS

3½ cups powdered sugar
¼ teaspoon flavoring (your choice)
3 ounces cream cheese, softened
Coloring

Mix all ingredients and chill. Color as desired. Molds are available in different shapes. Sugar the mold, press the dough into it, pop out, roll in sugar and allow to air dry for 24 hours.

Stephanie Walker
McKean Co.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

Dec.-	
24-	Christmas Dinner
31-	Cooking For A Crowd
Jan.-	
7-	Warm Up With Soup
14-	Homemade Breads

Featured Recipes

Those who don't understand how cookies and tin complement each other, don't know Charles and Ruth Messner. They make tin cookie cutters is all shapes and sizes.

The Messners operate Antique Reproductions & Colonial Lighting in Denver. Messner creates chandeliers, scones, lanterns and many other reproductions from tin.

With each order, Mabel encloses a recipe passed down from her grandmother. Naturally, it's a rolled cookie recipe so cooks can use the Messner-designed cookie cutters.

If you'd like to order some cookie cutters, contact them at 515 Franklin St., Denver, PA 17517 or call (215) 267-6295.

To learn more about the Messners, turn to page B2. Try Ruth's recipe for butter jumbles, which tastes similar to sand tarts but sweeter.

BUTTER JUMBLES

4 cups flour
2 cups sugar
½ pound butter
2 eggs
5 teaspoons milk
1 teaspoon baking soda
1 teaspoon cream of tartar

Cream butter and sugar. Add eggs and milk. Add flour, soda, and cream of tartar. Chill dough one hour. Roll out and cut in shapes with cookie cutter. Bake at 350 degrees for 10 minutes.

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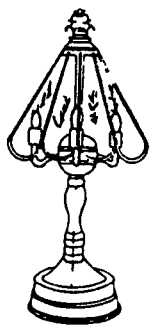

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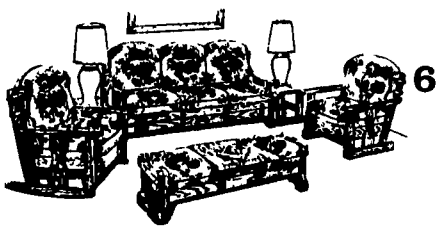

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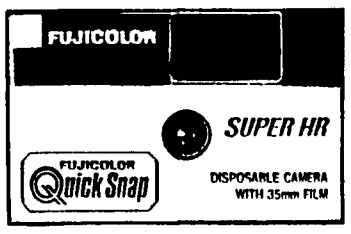

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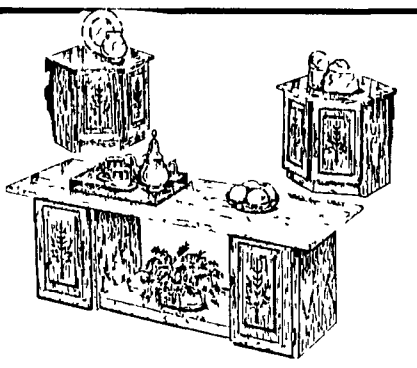
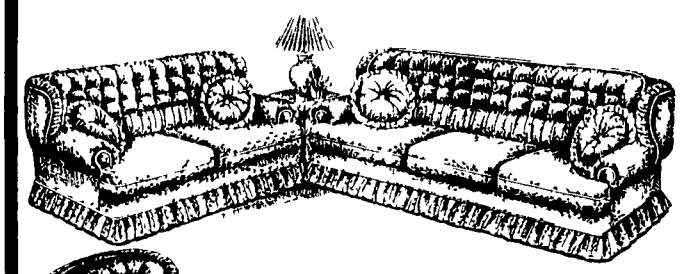
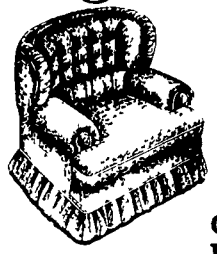




Sofa, Chair And Loveseat



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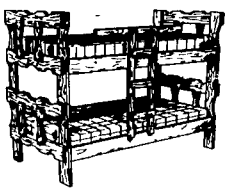

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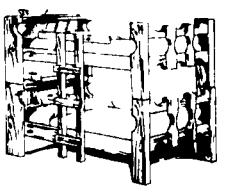

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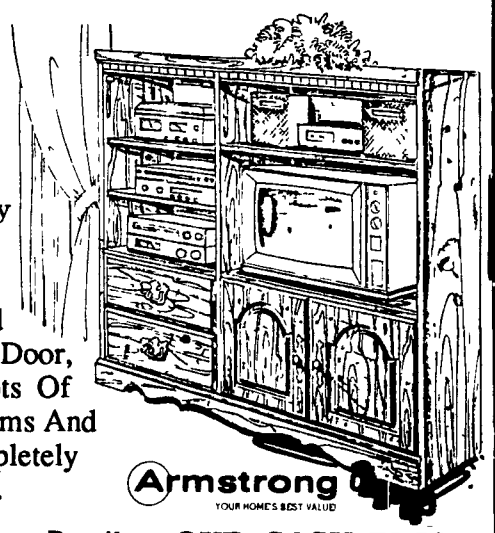

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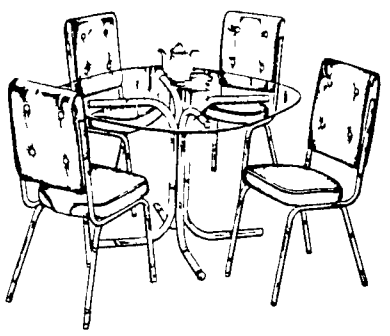

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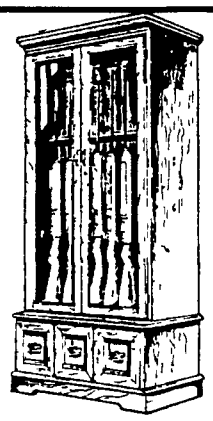

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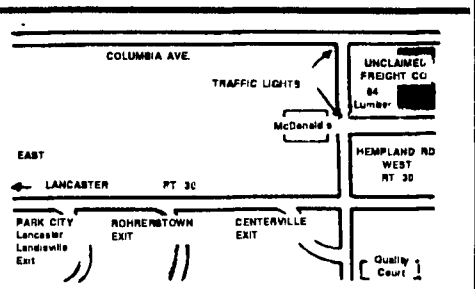

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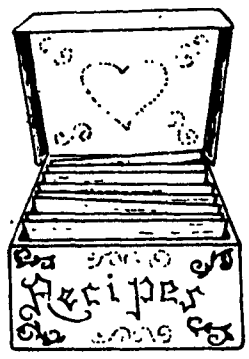


Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Although we try to recognize all contributors, sometimes we receive too many answers to publish. We then take the first responses. If your answer has not been published, it is not because your's does not taste as good as others or because we did not appreciate your response. It means we had too many answers to print them all. Don't give up. Keep trying. There are many requests for which we receive only one answer or none for several weeks.

Answers to recipe requests should be sent to the same address.

QUESTION - A Fleetwood reader would like a recipe for toaster breakfast pastries.

QUESTION - A reader from Fulton County requests a recipe for city cured bacon.

QUESTION - Mary Benscoter, Berwick, requests a recipe for making the brine for curing hams and bacon. Please list the ingredient amounts and how long it should remain in the brine. How long is it smoked and what kind of wood is used?

QUESTION - Patricia Wax, Carlisle, requests a recipe for homemade bagels that taste similar to the frozen Lender's Bagels.

QUESTION - R.G. Kamoda, Monongahela, requests recipes using a farm-dressed stewing hen for chicken noodle soup, chicken and biscuits and chicken and dumplings.

QUESTION — B. Nolt, Lititz, requests a recipe for cream filled doughnuts and other types of filled doughnuts.

QUESTION — Edna Davis, Lenhartsville, requests a recipe for apple streudel.

QUESTION — Mrs. William Nice, Harleysville, requests a recipe for baked oatmeal.

QUESTION — Martha Lair requests a recipe for chive buns.

QUESTION — Mary Schlaseman, Mt. Zion, requests a recipe for molasses coconut Easter eggs.

QUESTION — Helen Kalwasinek, Portage, asks, "Does anyone can geese?" Since some can beef and chicken, she suspects that geese can be canned but would like directions.

QUESTION— Helen Kalwasinek, Portage, requests a recipe for deli rye bread similar to that made by Stroehman's.

QUESTION — R.W. from Somerset County requests recipes for beef tongue.

QUESTION — Recently, oat bran recipes were requested. Although we printed some of them, I am holding the remainder for the "Home On The Range" section on January 21. More are needed, so send in your recipes.

ANSWER — Sometime ago, a recipe for tomato pickle was requested. I received this reply from Virginia McCauley of Gore, Va., after another answer was printed. With her recipe, Virginia included some past history that I think you will enjoy reading. She wrote: "In depression years, I lived on a farm, my mother raised horseradish in her garden. She grated it by hand, put it in pint jars and sold it for 25 cents a jar. Sometimes she covered it with vinegar and other times it was just plain. People would make ripe tomato pickle and I mean it was a big seller. But now days, people don't even grow it and it's hard to find. It was eaten different ways such as on fat side meat and on meat sandwiches.

"We planted it in a row in our garden. When we plowed the garden in the spring, we plowed the horseradish up then planted the horseradish back in a row. Then it would come up fresh every year. The smallest of roots would grow.

"I love horseradish and I wish I could find some fresh to eat."

Ripe Tomato Pickle

1 peck ripe tomatoes
1 pint salt
4 pounds sugar
1 quart vinegar
¼ peck onions, chopped
1 pint horseradish, fresh ground
3 sweet peppers, chopped
Celery seed to taste
Ground cinnamon to taste
White mustard seed to taste

Mix tomatoes, onions, and salt. Let stand two hours. Drain over night. (We always put our tomatoes and onions and salt in a cheese cloth bag and hung on the clothes line overnight to drain). Add the remaining ingredients and mix. Pack airtight in jars. Don't cook. This makes a fine salad.

ANSWER - Sadie Stoltzfus, Manheim, wanted to know if anything else can be substituted for the red food coloring requested when making red velvet cake. Thanks to May Ozimek of Flemington, N.J. and to Mrs. John Becker, Paradise, who suggest substituting red beet juice. Here is the recipe, which Mrs. Becker promises is very good.

Red Beet Cake

1¼ cups all purpose flour
1 cup sugar
¼ cup cocoa
1 teaspoon baking soda
½ teaspoon salt
1 teaspoon lemon juice
½ cup cooked red beets, grated (measure, undrained after grating)
½ cup plus 2 tablespoons margarine, melted
1 tablespoon honey
2 eggs, beaten
1 teaspoon vanilla
¼ cup milk

Mix together first 5 ingredients in a large bowl. Sprinkle lemon juice through beets. Mix together remaining ingredients and then add to first mixture. Stir only until dry ingredients are moistened. Then beat 2 minutes at medium speed. Pour into greased and floured 8-inch square pan and bake in preheated 350 degree oven for 40 minutes.

ANSWER - Mrs. H. of Kintuersville, requests a recipe for cinnamon bread. Thanks E. Beiler of Quarryville, Lana Stoner of Greencastle, Marian Leid of Fleetwood and Geraldine E. Smith of Felton for sending recipes.

Cinnamon Raisin Bread

3 cups flour
½ cup water
½ teaspoon salt
¼ cup brown sugar
1 teaspoon cinnamon
1 package dry yeast
¼ cup softened butter
½ cup milk
1 cup raisins

Warm the milk to tepid. Set the yeast working in half of the milk with a teaspoon of brown sugar. When the yeast mixture is frothy, mix it with the water and remaining milk and stir in two cups flour to make a batter.

Cover and leave for one hour or until doubled in bulk. Now, stirring, add gradually the remaining flour, salt, cinnamon and raisins.

Knead thoroughly on a floured board. Put the dough in a greased 8x4-inch loaf pan and let rise until almost level with top of pan. Bake in 400 degree oven for 15 minutes, then bake at 375 degrees for 30 minutes more or until loaf is lightly browned.

Cinnamon Swirl Bread

1 cup milk, scalded
¼ cup butter
¼ cup sugar
1 teaspoon salt
1 package active dry yeast
¼ cup lukewarm water
5 cups sifted flour
2 eggs
Melted butter
⅓ cup sugar
1 tablespoon ground cinnamon

Combine milk, butter, ¼ cup sugar and salt in large bowl. Cool to lukewarm. Dissolve yeast in water. Add yeast to milk mixture. Add 2 cups flour, beat well. Blend in eggs. Add enough remaining flour to make a soft dough. Turn dough onto floured surface and knead until smooth, about 8 minutes. Place dough in greased bowl and let rise until double. Divide dough in half. Roll each into an 8x10-inch rectangle. Brush with melted butter. Sprinkle with half of combined ⅓ cup sugar and 1 tablespoon cinnamon. Roll up like jelly roll, starting at narrow end. Place seam down in greased 9x5x3-inch loaf pan. Repeat with other half. Let rise until doubled. Bake at 350 degrees for 30 minutes. Cool. Glaze with 1 cup sifted confectioner's sugar, 4 teaspoons milk and ½ teaspoon vanilla.

Hors D' Oeuvres

(Continued from Page B6)

CORNUCOPIAS

¾ pound hard salami, sliced thin
8 ounces cream cheese, softened
2 tablespoons milk
1 small jar tiny gherkin pickles

Make a cut from the center to the edge of salami slices. Overlap edges and continue to slide cut edges around to form cone-shaped cornucopias.

Beat cream cheese and milk and spread a portion of it over the inside bottom half of each corucopia. Place a gherkin, or a wedge of one if pickles are larger, in the center of each cream cheese portion. Arrange on platter and serve.

Contributor writes, "This is an easy, tasty, attractive treat."

Laurie Sterner
Montgomery Co. Dairy Princess

SHRIMP DIP

1 can or ⅔ cup cooked shrimp, deveined and mashed
¼ cup mayonnaise
6 drops Tabasco sauce
1 tablespoon lemon juice
1 teaspoon grated onions
¼ cup light cream

Mix together all ingredients. Serve with crackers or chips.

Betty Biehl
Mertztown

BLUE CHEESE BOLOGNA WEDGES

1 cup (4-ounces) crumbled blue cheese
4 ounces cream cheese
18 slices bologna
36 pimiento-stuffed olives

Combine blue and cream cheeses; mix until blended. Spread scant 1 tablespoon mixture over each of 6 slices bologna. Stack. Repeat twice. Chill. Cut each stack into 12 wedges. Garnish with olives secured with wooden picks.

Am. Dairy Association

ROCKY ROAD CANDY

1 package (12-ounces) chocolate chips
¼ cup butter
1 package (10-ounces) mini marshmallows
½ cup chopped nuts

In 2-quart casserole, place chocolate chips and butter. Cover. Microwave on medium or low for 5 to 7 minutes or until chocolate and butter can be stirred smooth. Add marshmallows and nuts. Blend well. Spread evenly in greased 8-inch square pan. Refrigerate until firm.

Debbie Mast
Collegeville

For a festive hors d'oeuvre, thread a wooden skewer with cheese, red and green sweet pepper and pineapple chunks.

Add shredded Cheddar cheese to crumb topping in apple crisp. Or, combine the shredded cheese with the pastry dough when making apple pie or dumplings.

Avoid storing ice cream in the front of the freezer near the door where it is constantly exposed to fluctuations in temperature.

It may be surprising to learn that sour cream contains only 25 calories per tablespoon while mayonnaise contains 101 calories per tablespoon.

To crown holiday desserts, keep dollops of whipped cream in the freezer. Dollop or pipe sweetened whipped cream onto wax paper. Freeze until hardened. Then wrap individually and return to freezer. Thaw as needed.

In Search Of The True Meaning Of Christmas

BY LINDA EDWARDS
Vice-President
Creative Development
American Greetings

This Christmas something other than sugar plums will be dancing in the heads of both children and adults. A recent Gallup Poll on "Religion in America" found more and more Americans returning to family, faith and traditional values.

With this gaining interest in traditions, prayer and regular worship many families are in search of ways to bring back the true meaning of Christmas.

I've received many letters from parents requesting tips on enhancing their child's understanding of the season. As a parent, I can appreciate their concern. It's what prompted me to create Special Blessings -- a line of four dolls designed for parents and children to share their faith.

While no one is ready to abandon Santa and all the fun that surrounds him, many of us are looking for suggestions on how to reinforce the real reason for all the pageantry on December 25th.

My associates at Those Characters From Cleveland, a division of American Greetings Corp. which has broad experience in the inspirational market and a unique understanding of family traditions, have put together some very helpful tips and activities that will help the whole family enjoy a more spiritual and rewarding Christmas season.

* Take a good hard look at your holiday decorations. In addition to Santa and snowmen, make sure you have plenty of bells, angels, wreaths and at least one nativity scene.

* Don't forget to explain to the little ones the reason behind the decorations. The wreath -- without a beginning or an end -- represents eternity while the evergreen it's made of symbolizes everlasting life.

* The origins of the Christmas tree are rooted in German pagan traditions. However, over the years the tree has become a focal point of even the most pious celebrations. This year suggest that every family member create one homemade ornament for the tree. The ornament should represent a special prayer or hope that the individual has for the coming year.

* Advent calendars continue to grow in popularity. With their colorful religious scenes, the calendars serve to remind the child daily of the coming Christmas celebration.

* Bake a birthday cake and decorate it with candles. Serve it as Christmas dinner dessert. Even the youngest child present will comprehend the significance.

* Go caroling as a family. Along with personal favorites, make sure to include meaningful songs such as Silent Night, Away in a Manger and O Little Town of Bethlehem.

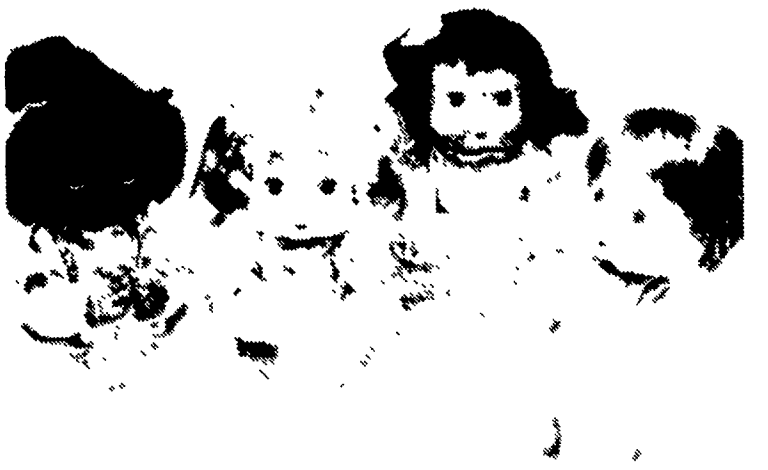
* Don't forget the presents! But make sure to explain that people give each other gifts today because the three wise men brought presents to the baby Jesus years ago.

* Look for gifts that reinforce the message of the season. I suggest the new Special Blessings dolls. These four fun and huggable dolls offer children endless hours of dressing, grooming and nurturing. At the same time, Special Blessings have the added feature of being able to clasp their hands and kneel in a praying position.

* Have your children "adopt" an elderly neighbor or adult whom they can assist throughout the Christmas season. Part of their responsibilities might include addressing Christmas cards or wrapping presents.

* Tell stories. Story telling is a great way to share values and emphasize beliefs. Gather the family around, light some candles and retell the story of the first Christmas.

* Don't ignore ethnic and family traditions. Some of my fondest Christmas childhood memories are those that are peculiar to my family alone. Traditions such as the Scandinavian feast of St. Lucy or the Mexican festival of lights are magical moments in a child's life. Keep them glowing strong.



Always remember that the best way to capture children's attention is to stimulate their imagination. Plan fun and entertaining activities the whole family can enjoy.

Toy Commercials Often Misleading

UNIVERSITY PARK (Centre) — Toy advertising, one of the major efforts of commercial television, is stepped up considerably during the Christmas season.

Unfortunately, toy ads do an excellent job of persuading young consumers to buy or pressure their parents to buy a product which may be a disappointment.

Debra Bryant, Wayne County Cooperative Extension Family Living Agent, says that commercials most often lack information such as what the toy is made of, how it works, how long it will last, what age group it is meant for, and how much it costs.

Camera angles can cause size distortions and action scenes can produce misconceptions about the ease of operating the toy.

Often children are encouraged to buy a product that suggests more than it can deliver. Studies show that ads encourage false expectations by magnifying the benefits of products, Bryant says.

Problems may arise when parents recognize this fact and try to convince the child that the toy is not as great as it looks. Many parent-child conflict situations develop when parents refuse to buy the advertised product.

Excessive exposure to advertisements for toys may increase the likelihood that children would rather play with a toy than with other children or that they really need particular toys to have friends.

This emphasis on materialism as a result of excessive exposure to *advertising has been found in numerous studies.*

Parents are encouraged to be firm about controlling the quantity and quality of a child's toys. Thought it may be difficult, it is important to teach children the real value of toys and personal relationships.

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Kid's Korner

Make A Reindeer Family And Other Fun Things

BY LOU ANN GOOD

CLEONA (Lebanon) — "You don't need to buy things to make an interesting craft," Sherry Kalback tells people.

She tells children to keep a box filled with things such as scrapes of yarn, crayons, paper, buttons, lace, a drinking straw, egg carton and cardboard.

"Look at the things in your box," she instructs, "and see what you can make with those things. It's fun creating from things just lying around."

She, her husband and two children Marta, 9; and Holly, 4; have lots of fun making things. They make their own Christmas cards and tree decorations. In fact, the Kalbachs have 1,200 hand made ornaments. She did not make them all because her friends made some for her.

Christmas ornaments

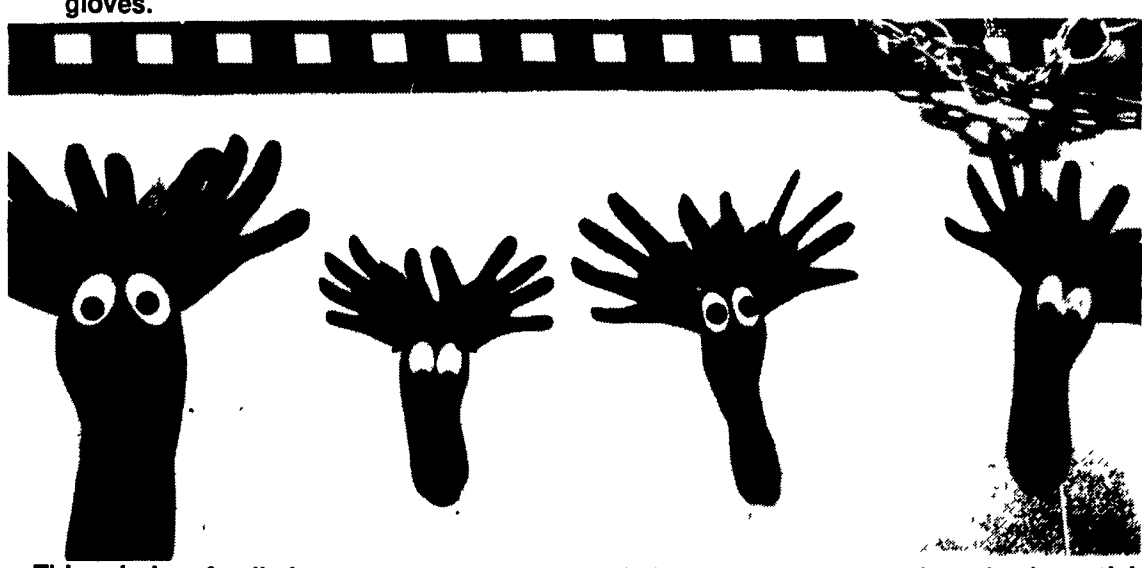
She suggests that you have a Christmas ornament exchange. Each person in your group makes the same ornament for as many people as are in the group. Then exchange. If there are 10 people in your group, you would have 10 different ornaments.

She won a contest in a magazine for her ornament showing Santa's milk and cookies.

The tray is a frozen juice can lid, glued on to a pinch clothespin so you can attach it to the tree. She used a plastic communion cup or a Mrs. Putter's cup and stuffed it with a cotton ball to make it look like milk. Tiny gingerbread men were formed from glue bread dough (recipe follows). A tiny bit of greens and berries give the tray a holiday touch. Make a tiny sign that says: To Santa, from (sign your name).

Sherry Kalbach relaxes with Rudy and Holly Noel, made from men's socks and gloves.

Sherry Kalback received a prize for her original design of Santa's tray. Directions are given in article.



This reindeer family is easy to make when you follow the directions given in the article.

Watch this elf climbing the ladder to hang ornaments on the tree. This picture shows a few of Sherry's 1,200 handmade ornaments.

Glue Bread Dough

Cut crust from one slice of white bread. Spread a scant tablespoon of white glue over the bread. Fold, squeeze, and knead until the dough is soft. You can divide the dough into sections and color each with a different food coloring. To make dough brown, knead in a few granules of instant coffee until the desired shade is reached. Air dry projects.

Reindeer family

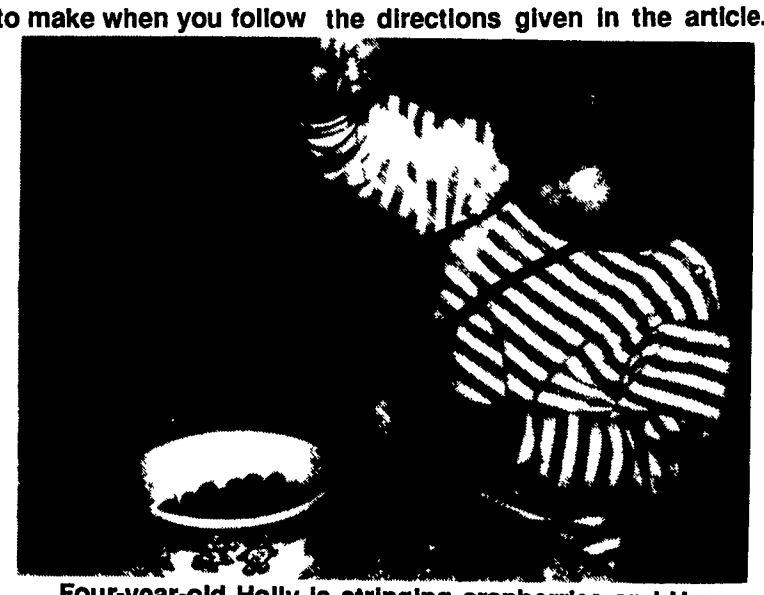
Discover how easy it is to make a reindeer family.

Gather your family and have each one trace an outline of their shoe on brown construction paper, a paper bag or a file folder. Cut it out to make the head. Bigger feet make bigger reindeer.

Trace your hands on black construction paper. Cut out and paste to top of the reindeer head for the antlers.

Glue on a pom pom or a red construction circle for the nose. Add ears. Use buttons for eyes.

Sherry Kalbert has written three books to create year-round fun. Each book contains holiday decorations and crafts. Big, bold patterns and concise, illustrated instructions help your projects come out right.



Four-year-old Holly is stringing cranberries and Honey Comb cereal for birdseed. When finished, she will hang it outside on a tree for the birds.

Sherry started making crafts when she was a kid. Now she lectures, demonstrates and holds classes for 4,000 to 6,000 adults and children each year. "I especially like to teach children," she said. She teaches her Sunday School and Bible School children many of the crafts.

For more information about Sherry's classes or books, call (717) 273-9980.

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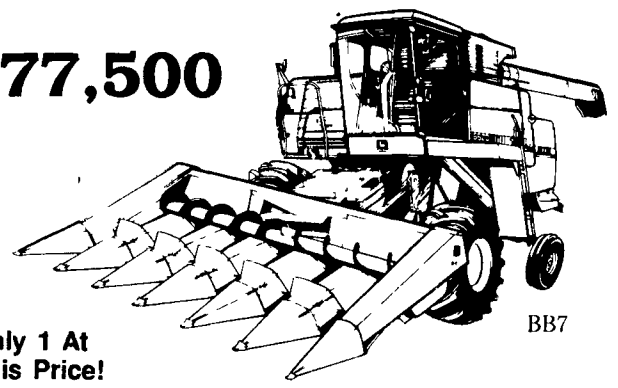

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BACK HOME

By Michelle S. Rodgers

Berks Extension

Home Economist

We've watched Frosty the Snowman and Rudolph, we've hung stockings and picked our way through the maze of the toy department shelves. All of this would definitely make you think that Christmas is for children. And, in many ways, the magic of it all really is. Adults put great effort in creating a magical Christmas morning that becomes a memorable holiday. And parents will continue to do that for years to come.

Christmas, however, is also a holiday for the older folks in our lives. I can't imagine a family holiday without hearing about stories from Christmases past. And although I don't consider myself older...yet, even I remember when kids got real footballs instead of video games with the players on the screen instead of outside and when dolls never cried or laughed unless I did it for them.

Many of my fond Christmas memories include grandparents and older relatives and neighbors who gathered with us for a meal.

Perhaps there is an older neighbor or friend that would enjoy being with your family as you finish your holiday preparations and begin to celebrate. Actually, the preparations are a real part of the celebration. It's possible that older friends may enjoy shopping with you or appreciate your help to finish their own shopping. Volunteering to address Christmas cards will certainly be appreciated by someone whose fingers are not as nimble as they used to be. Maybe you could spend an evening helping each other to wrap gifts or even help out by running to the attic for the gift boxes!

Few of us have extra time available during this season, but sharing what time we have makes it even more special. That may mean just a moment of your time to pick up someone on the way to a church service or to invite them over to be a part of your tree decorating. You may want to create tree decorations that you make together and then take off and give to guests as they come and go.

By including older friends and relatives in your preparation and celebration you bring another dimension to your children's concept of Christmas. By involving others, you help to diffuse all of the focus being on the children. This gives a "family feeling" to the season.

So as you finish speed reading this column amidst your busy preparations, take a moment to think of how you can make this time special for an older person in your life. I just bet that in the process you will have captured the true magic of the season and you'll establish a tradition of generosity that will continue in generations to come.

Reduce Holiday Stress By Setting Realistic Goals

Holiday shopping, baking, parties, concerts, travel....the list goes on, and it seems to get longer as time grows shorter. How will you accomplish everything?

"We all have visions of a perfect holiday, when all the preparations are complete and there's plenty of time to relax and visit with the family," says University of Delaware Extension home economist Debbie Amsden. "But trying to do everything and see everyone can be extremely stressful."

Amsden suggests setting realistic goals for the holidays. For example, identify now what you hope to do and when, and set up a general schedule by marking these activities on the calendar. This calendar of events will be, reminder for you, and it will also let others know your schedule and alert them to upcoming events in case they want to take part.

But don't let the schedule cause you stress, cautions Amsden. "Keep it flexible, and rearrange dates if necessary."

In addition to planning what you're going to do this holiday season, decide what you're not going to do. "Simplify your daily routine with easier meals and less housecleaning," she says. "Wait until January to start new projects, and if possible, skip some monthly meetings."

Try to shop for gifts around dinnertime to avoid heavy crowds. If you have children, arrange to have your spouse give them dinner while you shop. "Take a list with you," Amsden says. "You can shop more efficiently if you know what you're looking for and you've priced it ahead of time. Be realistic about what you can afford."

Catalog shopping can also save time and reduce stress. Generally, you can call a toll-free number to place your order, and you can find out while you're on the phone whether the item is in stock, Amsden says. Many mail-order companies also offer postage-paid return.

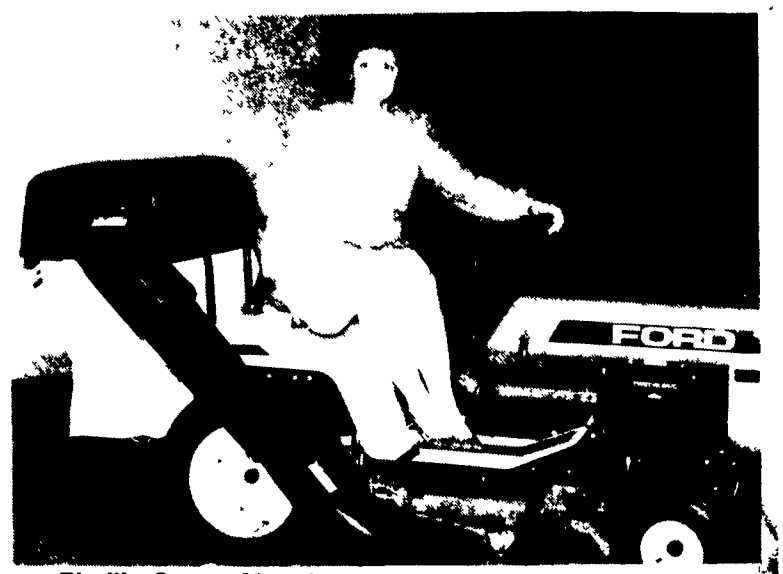
If you can't find all the items on your gift list, Amsden suggests giving a picture of the item or a gift certificate that you've wrapped up in a box. "It can be fun to involve the recipient in choosing his or her gift, and it's something to look forward to after the holidays."

For many, the holidays are a time for returning to the community where they grew up and visiting family and old friends. You can make these visits more enjoyable if you're realistic about how many people you can expect to see, says the home economist. It's a good idea to spread out visits to family and friends over a few days and to invite some people to come to your house rather than doing all the traveling yourself. You can also visit with loved ones over the telephone.

Visits are often full of activity, which can be stressful, says Amsden. In addition, traveling is tiring and can upset children's routines. 'Make sure you and your family get enough rest before going on a holiday trip, and try to keep the children's schedules as normal as possible," she says.

If people don't seem to be getting along or if conversation is difficult because of strained relationships or family problems, suggest an activity that everyone can enjoy and that gets their minds off the problem, Amsden says. "Play a game, go for a walk, or sing songs--do something that is fun and that will reduce stress."

AAW Names Yard Tractor Winner



Phyllis Gross, Manchester, sits atop the Ford yard tractor her son, Daniel, won in a drawing at the 1988 American Agri-Women Convention, held November 16-20 in Philadelphia. Gross, a member of Penn's Agri-Women, said her son would make good use of the tractor in his lawn-mowing chores. The tractor, model YT-12.5, was donated by Ford New Holland Inc. of New Holland.

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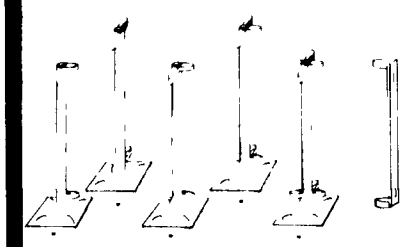

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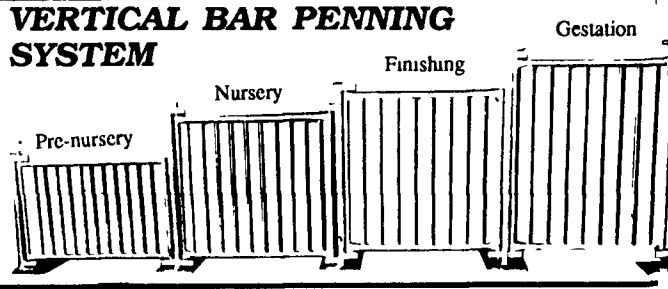

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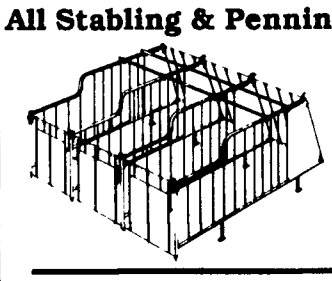

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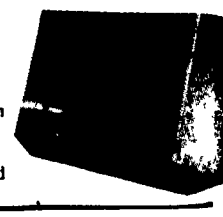

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A Child's Perspective

UNIVERSITY PARK (Centre) — As the new year dawns and resolutions are made about all that is to be accomplished, it might be helpful to stop and reflect on a number of items that pertain to the preschooler. A young child might put it this way if he or she were to tell it from the child's point of view:

I like to feel important, to feel proud and big.

Don't let me form bad habits. I have only you to detect any signs of bad habits.

Don't try to make me believe that you are perfect. In other words, just be yourselves and don't try to be super-parents. It comes as a great shock when I discover otherwise.

Please don't tell me my fears are silly. To me they are real and I need a lot of reassurance and comforting.

Remember that I am not very good at keeping quiet, at least for a long period of time.

I am not very good at sitting still either. A child my age is very active and many times when you get upset with me, I am just being normal, that is, just being active.

Don't forget that I am illiterate. Even if I can read words, I don't often understand like you do.

I'm a beginner. You have had years of experience, but I have had only two or three years of experience. This inexperience shows many times when you tell me to do something. And try to be patient with me. I'm learning and I want to learn and don't think I don't want to learn. But keep in mind, I am easily distracted and I get tired of doing the same thing for very long periods of time.

When you do something nice for me, don't think I'm unappreciative. At my age, I'm very self-centered and won't be otherwise for a few more years. This is especially true when I am just not hungry and you think that I don't appreciate the work you put into preparing a good meal. If I were a little older, my reaction might be different. But for now, you'll have to take me as a three or four year old.

Don't be afraid to apologize to me when you are wrong. That is a tremendous example for me to follow. And anyway, to apologize is a sign of strength, not weakness.

If you make a promise to me, try to keep it. I really feel let down if you don't keep your promise.

Try to follow through on a punishment. If you tell me to stand in the corner or go to my room, make me do it. I may not want to, but remember the most important thing I'm learning is that when you say something, you mean it. I get very confused when you tell me to do one thing, and don't make me do it and then in the next minute or two tell me something else and get angry when I don't do it.

Part of being my age involves trying new things. Sometimes I try things you don't think I should. But try to remember that in order to grow up I must experiment.

Don't think that I really want everything I ask for. Many times I am only testing you. Be firm with me and later in life I'll thank you by being the kind of person you hope I'll be. You see, being firm makes me feel secure. This is especially true at bedtime. When you say good night, mean it and be firm. And don't let me get you to play the game of "Can I have a drink, cookie, etc?"

Remember when you yell at me, I'm learning that that's the way to get things done, and I'm also learning to yell at you. I might just pay more attention if you got my attention first before you told me something. Most of the time when you yell, I must admit I never heard what you said in the beginning.

My world is different from yours. Sometime get down on your knees and see how my world - our house-- looks from my vantage point. Those light switches are practically in the sky and the counter top looks really intriguing from down where I am.

When I say "I hate you" it's not that I really hate you. So don't get so upset. When I say "I hate you," what I really mean is that your power stops me from doing something I want to do.

If I ask you a question, don't put me off. If you don't answer me, I'll stop asking questions and may not begin again even when I get older. If you're upset now when I ask a lot of questions, imagine how upset you'll be when I'm 12 or 14 and never ask a question!

Please don't hit me. From what I read in the newspapers there's enough violence in the world. You could be more effective if you would just deprive me of something or make me leave the action by going to my room.

Oh, yes, I'll try to get your attention in a number of different ways. Sometimes I'll do something that I know gets you upset, or I'll develop a small ailment. From my point of view, it would be much better if you would take time and spend it with me.

And, finally, Mom and Dad, don't forget that you were a child once. I need your understanding and lots of it. As a matter of fact, I thrive on it!

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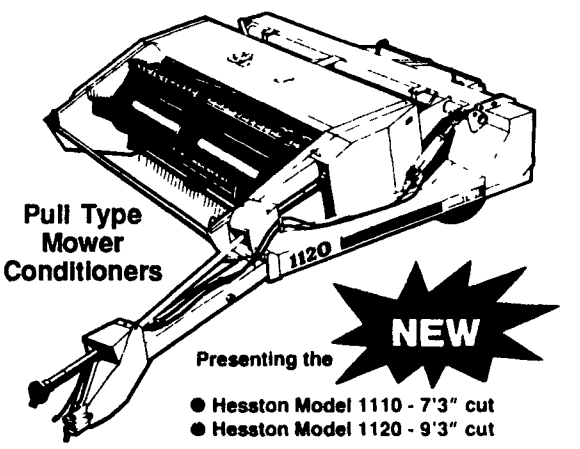

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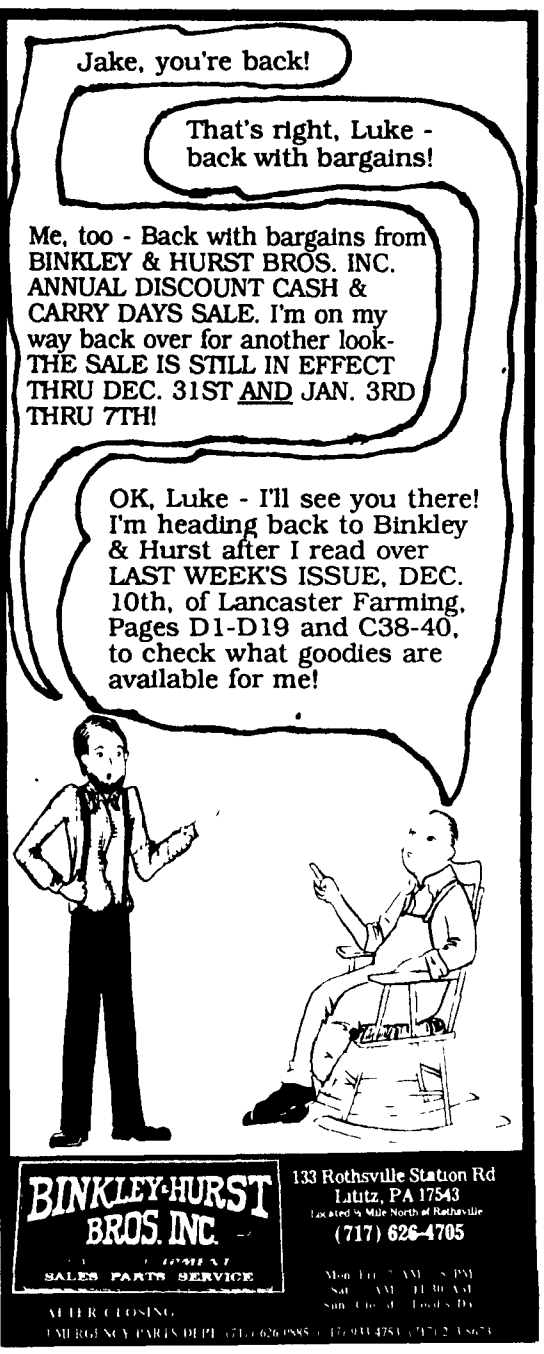
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These Folks Tell What They Like Best About Christmas

BY LOU ANN GOOD
and PAT PURCELL

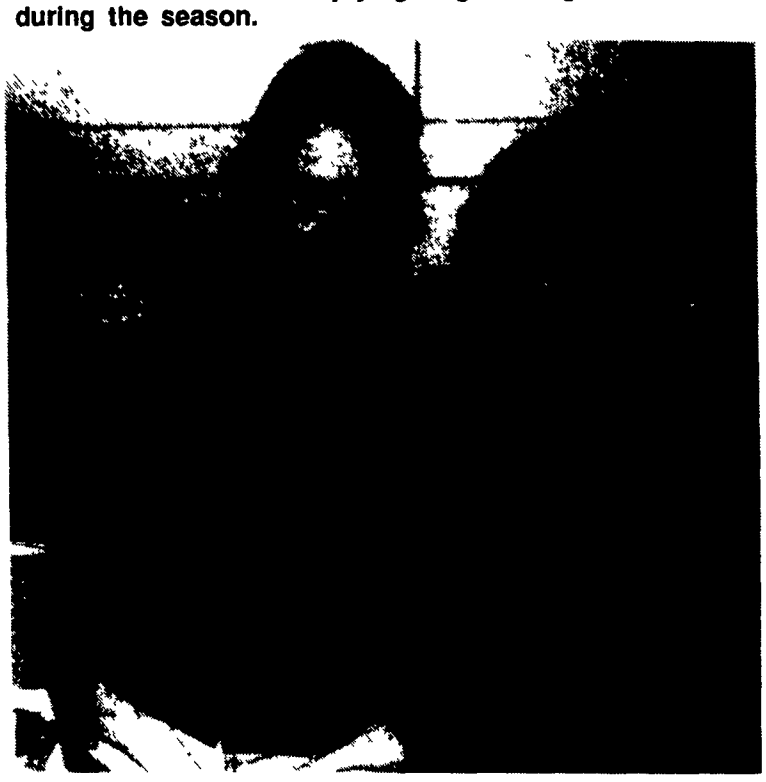
MANHEIM (Lancaster) — Christmas cheer was evident at Root's Market in Manheim last Tuesday. Smiles, laughter and good-natured banter abounded as shoppers and the standholders exchanged Christmas greetings.

Curious, we randomly asked standholders, "What do you like best about Christmas?"

Their replies varied, but their smiles were genuine as they shared their reasons for the season's joy.

Was there a scrooge among the crowd? Well...you read their answers and find out.

Barbara Heller (right) of Mifflintown and her mother Polly Heller offer "Baskets by Barb and Polly." What do they like best about Christmas? "Everything! I even like the crowds," Barb said. Her mother enjoys giving to the grandchildren during the season.



This couple is beaming for more than one reason. They plan to get married on December 31. Loy Aucker sells concrete resurfacing for L.A. Decks. Robin DeTemple sells toys and Christmas gifts for The House of Lloyd.

And what do they enjoy most about Christmas?

"Jesus was born," Loy chorties.

Robin said, "I like the spirit of giving and loving that you see in people during this season. People are smiling and happy. It is the way they should be all year."

Jesse Weaver who supplies McNess products and hails from Brunnerville, said, "The best thing is that Christmas represents the birth of our Lord and Savior who came into the world to save us from sin."

Said Pat Mentzler of Pottstown who sells belts and buckles, "I like seeing people happy."

Said Linda Hess of Donegal Gardens, Mount Joy, "I like the hope that Christmas brings. Because Christ's birth really happens, there is hope for the world."

To Ethel Zimmerman (left) of Lancaster County Pennsylvania Dutch Gifts, Christmas means the family circle and too much good food. She says the "too much good food," with a mishievious smile, which interpreted means, she enjoys every bit of it. Her sister Dorothy Sauder said, "The best thing about Christmas is giving gifts."

Peggy Moyer of Donegal Gardens, Mount Joy, said, "To leave Jesus out is missing the whole point of Christmas."

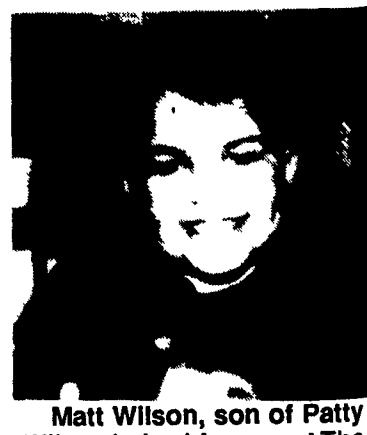
Employees of New Holland Meat Market pride themselves in being family although not related. Left to right: Cheryl LeFever of Strasburg said, "Christmas is my favorite time of the year. Having two young children makes Christmas fun. It's fun to give."

Her coworker, Zach Myers of Harrisburg said he enjoys being with family and friends because the only time I get to see them is over the holidays.

Owner Carl Adams said, "There are a lot of good things about Christmas, but the must important thing is that Christ was born on that day." He and his wife enjoy visiting with their two children and one grandson.

Richard Messner happily admits, "I like getting all the goodies."

"I don't care about the material things," said Patty Wilson who works at "The Bake Shop" operated by Thomas Farm Market, Lititz. "The important thing is being together with family and friends. I like anything that brings us together."



Matt Wilson, son of Patty Wilson helps his mom at The Bake Shop. Nine-year-old Matt said, "I like anything that has to do with decorations."

Ida's Notebook

Ida Risser

My husband has been deer hunting. And even though he was away from the farm for seven days, all he saw was the tail end of two deer. He spent two days in Wyoming County with our daughter and then five days at his brother's hunting camp in Huntingdon County. He did manage to see a black bear bounding off through the woods and he brought me a turkey feather.

While he was away the house was very quiet. I'm sure many wives live through this period every year. But for me, this year was different since I usually go along hunting. However, there were years when our October, November or December babies required that I stay home and care for them.

Somehow the hills seemed to get steeper and there were more fallen trees and rocks to climb over than there had been forty years ago. One year I kept up with the men and we climbed to the top of a very steep, rock strewn mountain near Hamburg in Berks County by 6:45 a.m. Then, five minutes before the season opened, I saw a deer but did not trust to shoot. I guess someone else got him later.

This year I had a four-legged companion of sorts surprise me one evening. You see a large black cat with a white patch under it's chin sat on the back porch. We have had no cats for over a year when our seven big cats ate some poisoned rats and all died one night. It was so sad? Anyway, I invited the cat inside and it behaved quite well and rubbed against my legs while I addressed some eighty Christmas cards. And, I could talk to it easier than to the bowl of fruit on the table.

Trivia Treasures: You Name It And It's Been Collected

America is truly a nation of collectors. Everything imaginable has been collected at one time or another.

How do people get started collecting?

Often times, what starts off as a simple gift, later becomes a cherished collection. (For this writer, it started as a single mechanical bank — a birthday gift!)

While many collections have purely sentimental value, others, even though they may start out that way, become really valuable. For example, the estimated worth of one collection of "Superman" mementos is more than one million dollars!

Collections comprised entirely of paper items, i.e., post cards, old-time sheet music, paper dolls, posters, show tickets, etc., are also popular. Such collectibles take little space and they, too, can gain substantially in value!

Experts say that the poster, more than other art forms, often *tends to be undervalued.* Although posters are in demand, anyone looking for a bargain can often find one in a poster.

According to the Poster Society in Upper Montclair, New Jersey, posters of the original 1933 version of *King Kong* have sold for up to $10,000 at auction. A poster of the movie classic, *Casablanca,* has commanded as much as $16,000.

Opportunities for collectors often pop up unexpectedly.

Twenty years ago more than a half million people flocked to a New York state farm for what was billed as a weekend rock concert: Woodstock instead became the symbol of a generation.

When thousands streamed onto the farm grounds, promoters declared the event a free concert. Most of the Woodstock tickets went unsold and later became collectors' items. In 1980 an original ticket sold for $9,000.

Recently, other unsold Woodstock tickets and original "Aquarian Exposition" posters became available for collecting or special occasion gift-giving. The tickets with authenticity certificates are $35 each and the original *and rare* posters are $150 each. Each is available — plus $4 for postage and handling — from Woodstock '69, P.O. Box 680, Stillwater, MN 55083 or by calling toll free to 1-800-624-9000. (A portion of each sale goes to charity.)

In addition to more traditional collectibles such as coins, stamps, bottle caps, baseball cards, and autographs, people also collect belt buckles, thimbles, license plates and even credit c)

The *Guiness Book of World Records* says the largest collection of *different* credit cards – 1,196 cards in all — belongs to a California man known as "Mr. Plastic Fantastic."

And, the same source reports that a Denmark man has the world's largest collection of bottle caps: a total of 44,217 from 149 countries.

Other popular items for collectors: Original Shirley Temple memorabilia and premiums from old-time radio shows such as Little Orphan Annie shaker mugs and Captain Midnight "Secret Squadron" decoders.

Dairy Council Program Available

WILLIAMSPORT (Lycoming) — Dairy Council Inc. has a newly developed program that addresses women's health issues. Introducing "The Feminine Edge: Every Woman's Guide to Health and Nutrition," a nutrition program now available to farm women's groups.

Today's women live in a fast-paced environment, often combining a busy lifestyle, family and a career. As a result, they have special health concerns and nutritional needs. "The Feminine Edge" addresses four main health concerns of women today: weight control, osteoporosis, iron deficiency and premenstrual syndrome.

To order the program free on-loan, or for more information about the program, contact the Dairy Council Inc. office in Williamsport, PA at (717) 326-7350.

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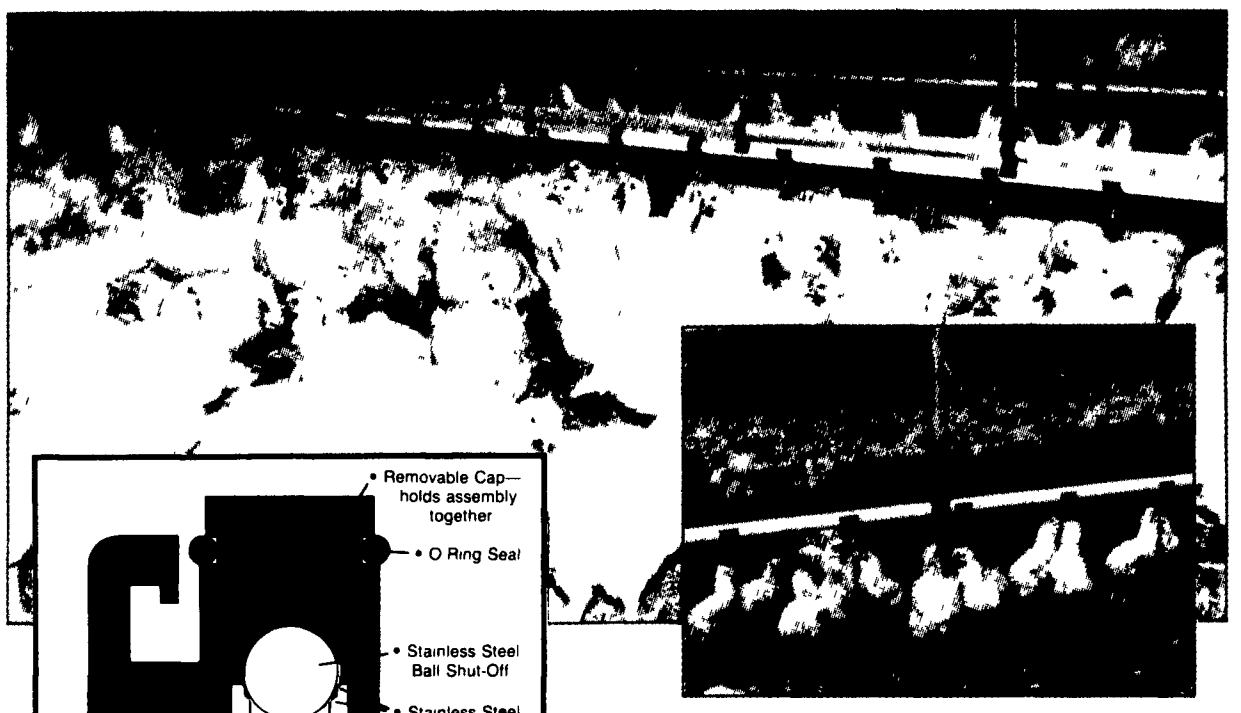

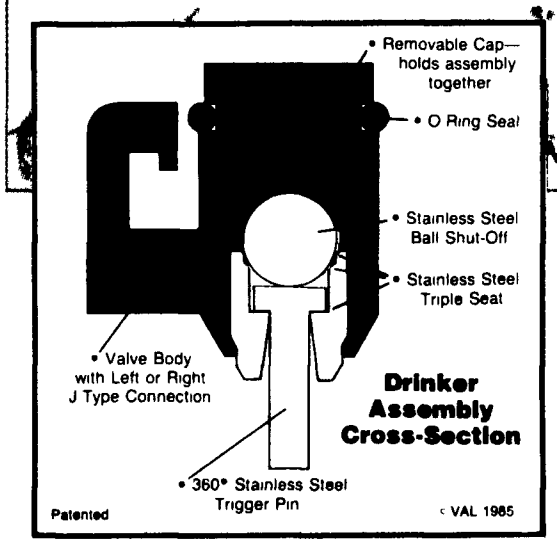
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- Other maintenance tasks are as easy Leveling may be done by means of adjustment straps on the winch cables There are no cups, troughs or founts to clean
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4-H HAPPENINGS

National Winners

UNIVERSITY PARK (Centre) — Pennsylvania 4-H has been on the move. The cream of the crop from around the state attended the 67th annual National 4-H Congress earlier this month in Chicago.

Each December 4-H members who have won state competitions are eligible to travel to Chicago as delegates to the congress. A contingent of 43 Pennsylvania 4-H'ers, who won competitions during Penn State 4-H Week in July, attended seminars, workshops and award ceremonies.

"National Congress is a great time to reward some of our best for their hard work and leadership abilities," says Bruce Grinder, youth program management coordinator at Penn State. He and other 4-H leaders traveled with the delegates. Among them were Carroll Howes, retired associate state 4-H leader; Eugene Schurman, Indiana County extension agent; Fred Kressler, 4-H volunteer from Bloomsburg in Columbia County; Roxanne Price, youth agent for York County Cooperative Extension; and Linda Ross, 4-H volunteer leader from Marion Center in Indiana County.

This year's Pennsylvania delegation included three national award winners and a national alumni award winner. Winners were selected by the national Cooperative Extension office and awards were arranged by the National 4-H Council.

Angela Bollinger, daughter of Donald and Rosene F. Bollinger of Newmanstown in Lebanon County, was honored for receiving a $1,000 Ag Career Scholarship. She has held several leadership positions in the ELCO 4-H Dairy Club in Lebanon County. Last year she was honored as the alternate Dairy Princess for Lebanon County and was a 1988 scholar at the Governor's School for Agricultural Science at Penn State. Bollinger is now a freshman at Penn State, majoring in food science. The Ag Career Scholarships are sponsored by True Temper Hardware.

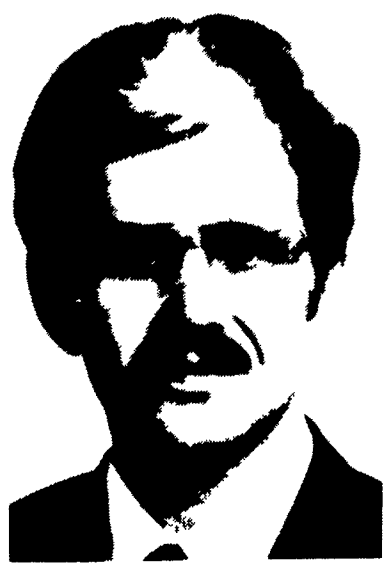
Beth Clark, daughter of Sherrill S. Clark of Bedford in Bedford County, received a $1,000 scholarship in the 4-H dairy program. She is a member of the Friendly Moo-Moos Dairy Club, the Bedford Barkers Dog and Pet Club and the Teen Club and is a former member of the 4-H Swingers. She is vice president of the dairy club and has won numerous championships in the dairy shows at the county, regional, state and national levels. As part of her work in 4-H, Clark has conducted fitting and showing workshops for younger members. She manages her own animals and assists her grandfather with his. Clark is a sophomore at the Bedford Area High School and plans to major in education and art at Penn State. The dairy scholarships are sponsored by the American Cyanamid Company and Land 'O Lakes.

Amy Ross, daughter of Roger and Linda Ross of Marion Center in Indiana County, was recognized for receiving a $1,000 scholarship for the 4-H Citizenship program. As part of her work in 4-H, Ross planned and conducted assemblies and workshops for campers at a facility for the mentally handicapped. She and her 4-H club helped organize a safe community Halloween party. While president of her county 4-H teen council, she organized and supervised a project to collect food, toys and clothing for holiday giving to the needy. She is a junior at the Marion Center Area High School and plans to attend college to study accounting. The citizenship scholarships are sponsored by the Coca-Cola Company.

The editor of Pennsylvania Farmer, John R. Vogel of Mechanicsburg, was one of eight former 4-H members to receive the Gold Key Award for his many contributions to 4-H. He was a 4-H member in Iowa for nine years and was recognized at National Congress as a state winner in the 4-H achievement program. He was active in beef and livestock judging programs and is now a member of the Board of Overseers for the University of Pennsylvania School of Veterinary Medicine.

Vogel's current work with 4-H includes serving as a director for the Pennsylvania Friends of 4-H and chairman of its long-range planning committee. Vogel developed a reorganization plan and the five-year fund-raising campaign now being implemented to generate greater public support and awareness of 4-H programs. He frequently speaks to 4-H groups and has promoted 4-H volunteer service in his magazine editorials. Vogel was honored at a luncheon sponsored by Beatrice/Hunt-Wesson Orville Redenbacher's Gourmet Popping Corn.

Beth Clark



John Vogel

Amy Ross

Angela Bollinger

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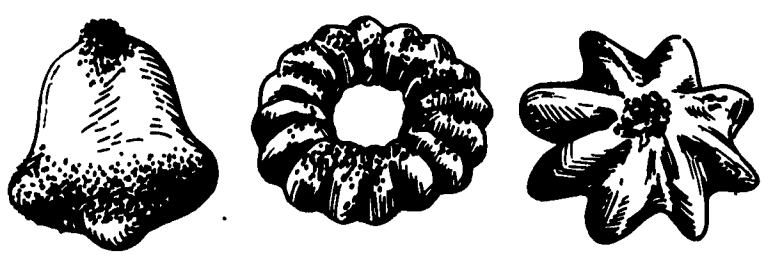
Groups such as 4-H, FFA, Farm Women, civic organizations and schools are encouraged to display projects.

For more information, call Charles Yeager III, business manager of The Review, at 733-6397, daily between 8 a.m. and 5 p.m.



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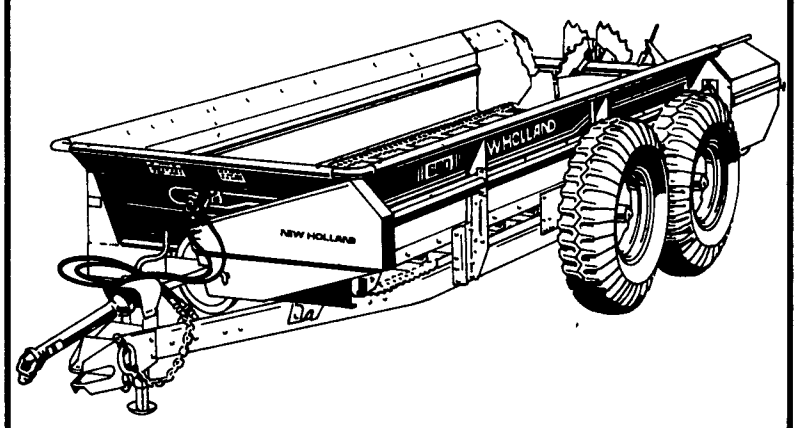

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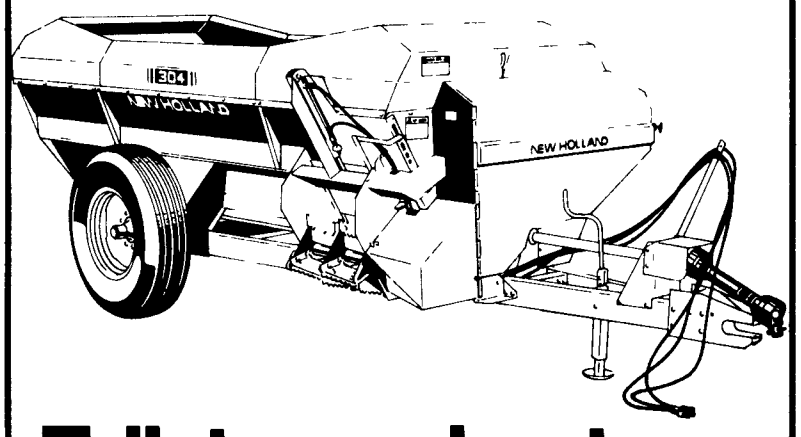

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Farm Women Societies

Lancaster Society 6

The November meeting of Lancaster Group #6 Society of Farm Women was held at the home of President Joyce Mast. Ten women attended. Several games were played for entertainment.

Seven women attended the Group #12 anniversary and reported a good time. Noamie Mast and Joyce Mast attended Berks Heim Bingo.

The Christmas party is to be December 3 at the Dinner Bell, Boyertown, at 7:30 p.m.

Volunteers are needed for Berks Heim Christmas activities.

State Convention is coming up in January at Harrisburg. The Spring Rally for this year will be held in June.

The next meeting will be held December 13 at the home of Ruth Hartman.

Lancaster Society 14

Farm Women of Lancaster County #14 met recently at the home of Dorothy Musser. Legislative news was given by several members. Janet Leaman gave a detailed report of the County Convention.

Roll call was answered by each member showing a quilt. A lovely variety including new patched and embroidered ones, as well as those handed down by grandmas and great grandmas, was on display.

Lancaster Society 20

Farm Women Society 20 met at the home of Arlene Fisher with Vivian Trout as co-hostess.

Mr. Carpenter of W.G.A.L. - TV gave a talk concerning the station owned by Pulitzer Company. In 1948 it was owned by the Steinmans and was originally Number 4. Now the station is recognized and is broadcast in ten counties and employs 150 people. It has two sattelite stations. In 1939 was the first display of public television but did not become popular until 1950.

The delegates for the State Convention include Anna Mary Groff, Kathleen Keen and Mary Shirk. There was a reminder of the Christmas Party on Saturday, December 10.

Lancaster Society 24

Farm Women Society #24 met at the home of Mrs. Roy Holinger, 1921 New St., East Petersburg, Pa. on November 29, at 7:30 P.M. The business meeting was conducted by our president Carolyn Groff who directed our discussion concerning future plans for our society. Our guest speaker for the evening was Kim Leman from Channel Eight Evening News. We were delighted to have her and she gave a very interesting talk about her job as a T.V. News Broadcaster. Plans for the bus trip to New York City on December 12 were finalized.

Lancaster Society 34

Farm Women Society #34 had their meeting on November 21 at the home of Melody Kratz with Gayle Hershberger as co-hostess. Vera Lenard from Clare House shared about the Clare House and how it works for the community. Contributions were given to Clare House and Childrens Service of Lancaster.

The next meeting will be held December 19 at the home of Sheila Mull. Secret Pals will be revealed and the society will have a Christmas celebration. The chance off was won by Elaine Craig. The thought of the month is "In this world; it is not what we take up, but what we give up, that makes us rich."

Berks Society 3

The November meeting of the Berks County Society of Farm Women, Group 3, was held at the home of Diane Eddy, Boyertown. The business meeting was conducted by Mary Bartholomew, president.

Plans were made for the Christmas banquet to be held at the Washington Inn on Decmeber 27. A $5.00 gift exchange will be featured. Fruit baskets and poinsettias will be distributed at Christmas by the sunshine committee. Groceries will be donated to the Soup Kitchen of the Reading Urban Ministeries.

Refreshments were served and a stenciling project was completed following the business meeting.

Berks Society 5

The Berks County Society of Farm Women Group 5 held their November 15 meeting at the home of Dorothy Moyer. Seventeen members responded to roll call by stating what they wanted from their secret pals for Christmas.

Following devotions by the hostess, President Carol Stoudt called the business meeting to order. Plans were finalized for the Family Christmas Party to be held on Saturday, December 10, at 7:00 p.m. at the Tulpehocken United Church of Christ.

Plans were also made to purchase and distribute Christmas gifts for the residents of Twin Spruce HOme and Independence Terrace.

The program for the evening was presented by Helen Kaskereno of Kountry Kandies, Myerstown. She shared some of the homemade, hand-wrapped candies from their shop. Members sampled homemade caramels and chocolate covered pretzel rods. She also showed many of her other best sellers like rocky road pizza and chocolate covered oreos.

(Turn to Page B19)

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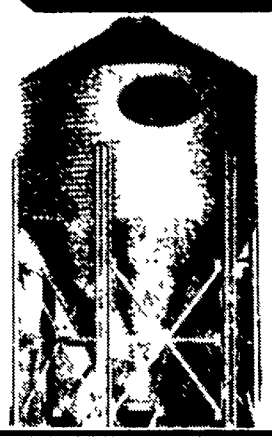

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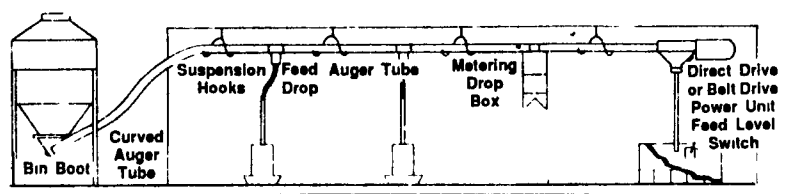

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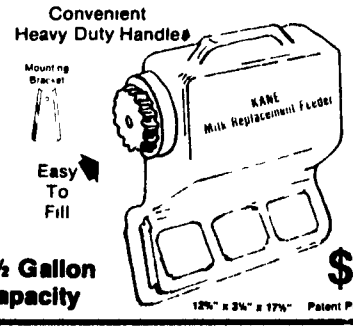

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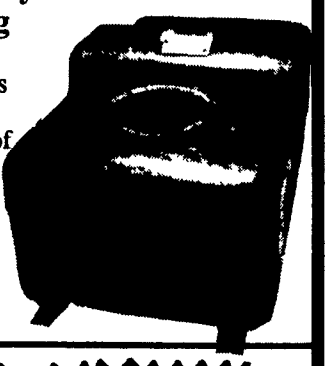

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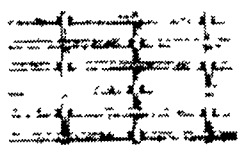

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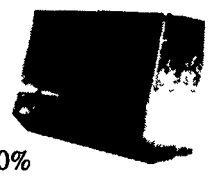

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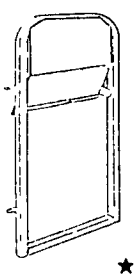

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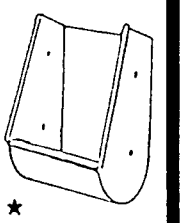

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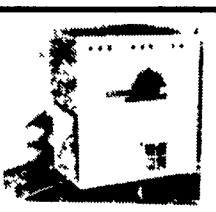

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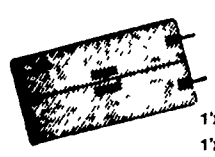

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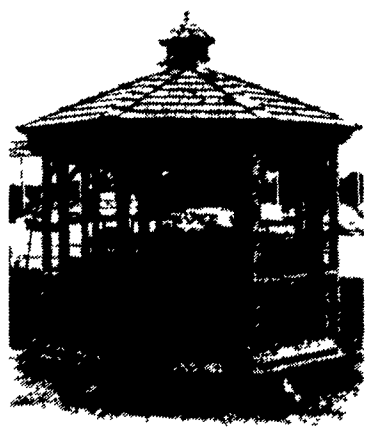

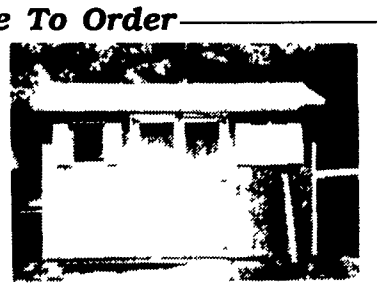

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Breakthroughs In Recycled Plastic

BY DONALD J. FREDERICK
National Geographic
News Service

PISCATAWAY, N.J. — Used plastic containers, long regarded as the unwanted and eternal dregs of a throwaway society, are being profitably resurrected as carpets, corrugated pipe, blankets, and park benches.

An estimated 15 billion to 20 billion pounds of plastics land in the country's waste stream each year. Less than 1 percent is recycled.

Manufacturers have routinely recycled plastic scraps, but only recently have companies and communities — faced with littered landscapes and bulging landfills — taken seriously the recylcing of used plastic containers.

There's new hope for many formerly unsalvageable containers such as detergent and ketchup bottles, made of various plastics. New processes blend formerly incompatible plastics into everything from fence posts to automobile barriers. Like wood, the blended plastic can be nailed, screwed, cut, and planed.

Even dirty garbage bags, once considered beyond salvaging, now can be blended with other plastics to create a lumber substitute. More and more clean bags that have been used are being recycled into new bags.

"We're doing research now to see if we can make these commingled plastics load-bearing," says Darrell Morrow, director of the Center for Plastics Recycling Research at Rutgers University. "Being impervious to weather and insects, the material would make wonderful railroad ties. Who knows, houses of the future might even be made of plastic."

Experiments at the center here indicate that polystyrene foam, common in cups, trays, and packaging, might add strength to commingled plastics. "At the very least, we expect that the foam will be turned into housing insulation someday," Morrow tells National Geographic.

The two plastics favored by recyclers, polyethylene terephthalate (PET) and high-density polyethylene (HDPE), come from bottles and other containers. Most soft-drink bottles are made primarily from PET; milk and juice jugs, from HDPE.

The largest U.S. PET recycler, Wellman Inc. of Clark, N.J., needed about 800 million bottles to produce 100 million pounds of recycled plastic last year. Much of it went into industrial resins used as fibers in carpets, blankets, furniture, wearing apparel, and a thick fabric that helps stabilize railroad beds.

"We're expanding, and in the near future we could use three times as many bottles, but we have a collection problem," says Dennis M. Sabourin, vice president of Wellman's Trading Division.

Absence of an assured source of used plastics has been a major drawback for recyclers. Only nine U.S. states and three Canadian provinces now have deposit laws that encourage the return of empties for recycling. Only five states, New Jersey, Pennsylvania, Connecticut, Florida, and Rhode Island, have statewide compulsory curbside collection of recyclables such as glass, aluminum, paper, and plastics. Other states are expected to follow as they run out of landfill space.

"I'm convinced that curbside collection, properly developed on a national scale, will be far superior to deposit laws in both cost effectiveness and level of participation," says Morrow.

He favors the development of regional recovery centers for recyclables that would serve 250,000 to 500,000 people each. 'In many places," he says, "mom-and-pop-type operations might suffice. You wouldn't need multimillion-dollar complexes."

But most municipalities, concerned with lowering the weight of trash in their landfills, haven't mandated plastics in their curbside collections.

Taking a break on a bench made from recycled plastic, Darrell Morrow, director of Rutger's University's Center for Plastics Recycling Research, is busy most of the time looking for new ways to turn used plastic containers into useful products. Hundreds of bags filled with such containers arrive weekly for recycling at Piscataway, N.J., center. Experts predict that, with the help of new processes, as much as 600 million pounds of plastic could be recycled by 1992.

Farm Women

(Continued from Page B18)

Lebanon Society 14

Lebanon County farm women Group #14 held their November meeting at the home of Belle Weidler. Five women attended. Business was in charge of President Coral Ungemach. The hostess showed us how to make wreaths or bird cages out of honeysuckle vines.

Next meeting December 20 will be a family dinner at Campbelltown N.M. Church.

York Society 26

The Green Valley Farm Women Group #26 held their November meeting at the Bonanza Restaurant. There were 16 members present. Door prizes were won by Carrie Kister, Naomi Cashner, ruth Kann, Mabel Miller and Clara Wilt.

On December 3 a Christmas banquet will be held at the Lighthouse at Chambersburg. Members voted to donate $50 to the Mental Health Association of York. Called Operation Reindeer. The next weeking will be December 13 at the home of Ruth Kann.

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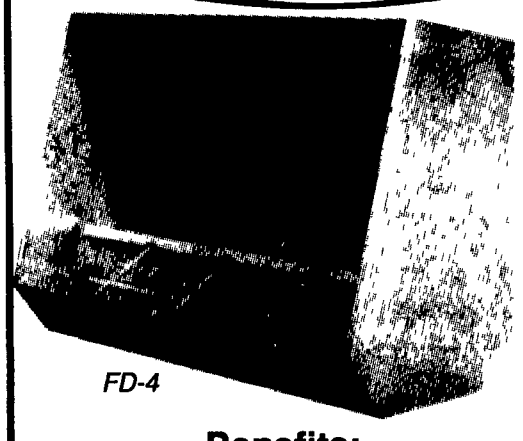

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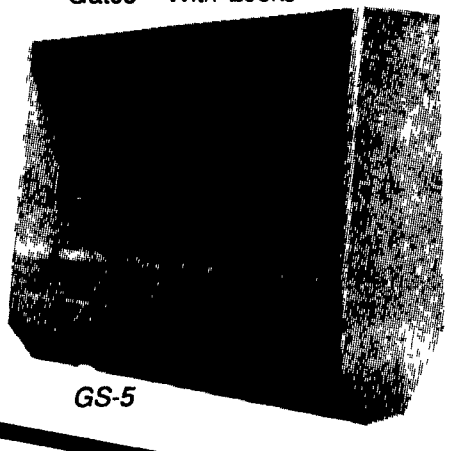

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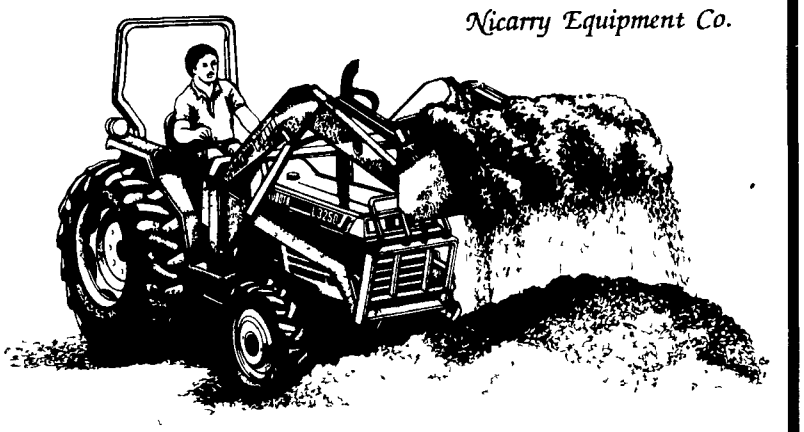

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Increase Your Memory

UNIVERSITY PARK (Centre) — How do we remember and how does this change as we grow older? This topic interests biologists, psychologists, and most people after age fifty or so.

We count on our memories in a big way over the holidays when there are so many things to remember. If you are like most people, it is easy to forget the name of someone you see at a party, or one of the items you planned to purchase on a shopping trip. These memory lapses also occur to the young, but as we grow older it is sometimes more difficult to recall information we have stored in our "memory bins" especially if we are in a hurry, tired, or under extra stress.

Simple forgetfulness, which seems to increase somewhat with age, is different from the forgetfulness of a person with Alzheimer's disease or another dementing illness. Neither does it lead to such a disease. But it can be frustrating. Barbara Davis, Adult Development - Aging Specialist of Penn State, suggests the following strategies to help us remember better.

1. Eat vegetables and other healthful foods. Sound nutrition aids mental sharpness. The cardiovascular system is important to mental as well as physical functioning.

2. Exercise your mind and body. Physical exercise increases the supply of oxygen to the brain and aids alertness. For mental exercise do something you enjoy that stretches your mind. Examples include working crosswood puzzles, doing word games such as Scrabble, enjoying a game of Trivial Pursuit, taking a class, or playing solitaire.

3. Use cues. Make lists, put the umbrella near the door when you want to remember to take it with you, leave notes on your mirror.

4. Visualize associations. When trying to remember errands for the day, picture the items you want to purchase by making a picture composed of what you are to buy. If you are going to buy shoes, bananas, and a scarf, picture bananas in a pair of shoes, tied together with a scarf.

OR Associate a list of names with a location in your home: shoes hanging from the chandelier in the hall, milk on the end table, broccoli in the bedroom, and apples on the washer. The combinations don't have to make sense!

5. Rehearse. When introduced to someone at a party, repeat the name. A few minutes later, repeat it to yourself, again. Do this once or twice more and the name is apt to stay with you longer. (You may also want to use association: picture a cliff when introduced to Clifford; yellow arches when introduced to Bill McDonald.)

6. Take your time when trying to learn something you want to remember. Think about the information and relate it to something else you already know. If your son-in-laws birthday is on February 22, link him up with George Washington.

7. Concentrate. Distraction is a powerful enemy when we are trying to learn something new. It can make it harder to recall this information later. Try to learn something new in a quiet, unhurried setting. Carefully focus your attention on what you want to store in your memory.

8. And, finally, set some priorities for remembering. Decide what is important to remember and let some other things go. Information overload can be a threat to anyone's memory.

McPherson Named AAW Officer

PHILADELPHIA — Gail McPherson, New Park, was elected secretary of American Agri-Women, at the organization's annual convention held November 16-20 in Philadelphia.

A charter member of American Agri-Women, McPherson has served in several capacities, including chairman of both the 1980 and 1988 conventions. She is a recipient of the Leaven Award, the highest honor given by AAW.

Since joining AAW in 1974, McPherson has helped to form two affiliate chapters, Penn's Agri-Women and the National Peach Partners. She currently serves as treasurer and newsletter editor of PAW, which represents various segments of Pennsylvania agriculture.

Gail McPherson

A graduate of Susquehanna and Colgate universities, McPherson farms in partnership with her husband, Paul. They are the owners of Maple Lawn Farm Inc., a 1,400-acre fruit and grain operation in York County.

Describing herself as a professional farm wife, McPherson is responsible for bookkeeping, personnel and public relations. She is the editor of the Peach Times and the Apple Journal newsletters, as well as "The Passion for Peaches Cookbook."

In addition to AAW, McPherson is active in other agriculture organizations, including Ag in the Classroom, the Pennsylvania Farmer's Association and the Pennsylvania State Council of Farm Organizations.

The purpose of American Agri-Women is to promote agriculture and to foster a positive image of the American farmer among consumers, politicians, media and church leadership.

Safe Christmas Lighting

Hunterdon — What kind of holiday decorations are you planning this year? A tree decked with lots of light. Arrangements of greens with lighted candles nearby? Pretty to look at but probably not too safe.

Every year there are tragedies resulting in loss of lives and property, and many are related to such decoration as those mentioned above. Careful thought should be given to be sure that all decorations are safe. One possibility is to eliminate the candles and the lights in the tree this year and instead place a floodlamp or two in a safe place to shine on and light up the tree and other decorations.

Here are a few basic rules for electrical safety:

* Check lights carefully for chipped sockets and frayed wires. If any are damaged, throw them out.
* If you buy new lights, buy only UL-Listed lights.
* Be sure lights are mounted so bulbs will not touch foliage, paper or other combustible materials.
* From time to time, inspect the tree to see if the needles near the lights have started to turn brown. If so, change the position of the lights.
* Use only heavy duty extension cords and place them out of traffic areas. Do not run cords under rugs.
* Disconnect lights at the outlet when the room is not in use, or when the family is asleep or away.
* Some of the plastic and metallized trees will burn as readily as a natural tree. Do not be over-confident with them.

Outdoor wiring requires special attention:

* All cords, plugs, sockets and bulbs used outside should be weatherproof and made for outdoor use.
* Keep connections above wet ground.
* Make connections water tight by covering with plastic or rubber, with the ends securely bound by electrician's plastic tape.
* Always used gaskets on all sockets to keep water from seeping into sockets.

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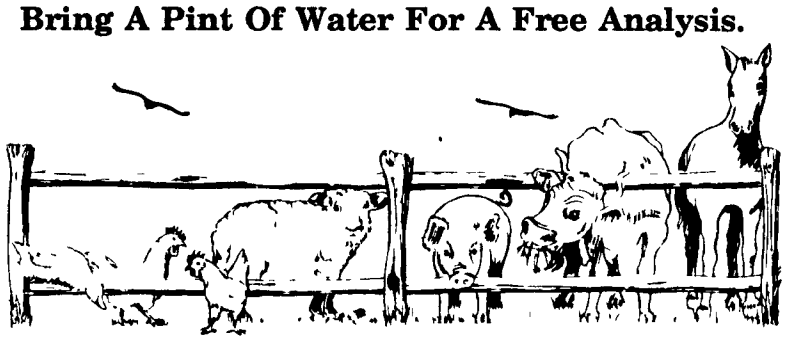

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Shaping Up Your Kitchen For The Holidays

WASHINGTON — Many of us already are thinking about the holidays. We want to get the houses ready for the friends and family members who will be visiting. One area of great concern to the cook, of course, will be the kitchen. Will it pass Aunt Tilly's white glove inspection? But more importantly, could it pass a food safety inspection? If not, these guidelines offered by the U.S. Department of Agriculture's Meat and Poultry Hotline (1-800-535-4555), will get your kitchen in tip-top shape for the holidays.

Start with the freezer. Is it frozen-over or jam-packed with food? If so it will not hold frozen meat and poultry at safe freezer temperatures--0 degrees F or below. If the freezer is frozen-over, you may need to defrost it. Examine frozen items carefully; discard foods that have changed in appearance or texture. Put usable foods in an ice chest filled with ice. When returning food to the freezer, date the packages and divide them into long and short storage categories so you can use them within the recommended storage time. Also, as you stock the freezer, save space for the large bird, roast or ham that will be served for the holiday dinner.

Next, the refrigerator. If you have leftover meat and poultry dishes, use them as soon as possible. These foods can be stored in the refrigerator from three to four days. Fresh meat or poultry should be used within one to three days. Also, check the "sell-by" or "use-by" date on mayonnaise, salad dressing or other foods that need refrigeration. Throw away outdated, moldy and obviously spoiled foods.

To get rid of the odor that may linger from spoiled food, wash the refrigerator with baking soda and water, and put a box of baking soda in it to absorb odors.

To safely store food in the freshly cleaned refrigerator:

-- Make sure the refrigerator is set at 40 F or below to prevent most bacterial growth; use a refrigerator thermometer to check the temperature.

-- Don't overload the refrigerator. Cold air must be able to circulate to keep foods at optimal temperatures; and

-- Tightly cover all foods and use them within the recommended storage time.

Cabinets can be a hideaway for food safety pitfalls. What could be more devastating than finding out while preparing the holiday meal that the canned ham you put in the cabinet two months ago should've been refrigerated? Before storing foods in the cabinet, read the labels. Since today's packaging for some shelf-stable and refrigerated products are so similar, label reading is necessary to ensure such foods are stored properly. If you find a product on the shelf that should have been refrigerated, throw it out.

Countertops, sinks, and utensils need extra care. To keep bacteria from spreading from raw to cooked foods, wash the countertop, sink and utensils after they have been used to prepare raw meat and poultry.

Carefully scrub and clean wooden cutting boards since bacteria can harbor in the grooves left by knives. A hard non-porous cutting board is better for preventing the spread of bacteria. Also, wash kitchen linen often and throw away old sponges.

Kitchen appliances should work properly. Use an oven thermometer to check the temperature in your conventional oven. If it isn't working properly, have it serviced immediately. With a well-serviced oven and by using a meat thermometer, you can make sure meat and poultry cook to proper internal temperatures. Poultry is thoroughly cooked at 180 F to 185 F; beef and other meats should read 160 F.

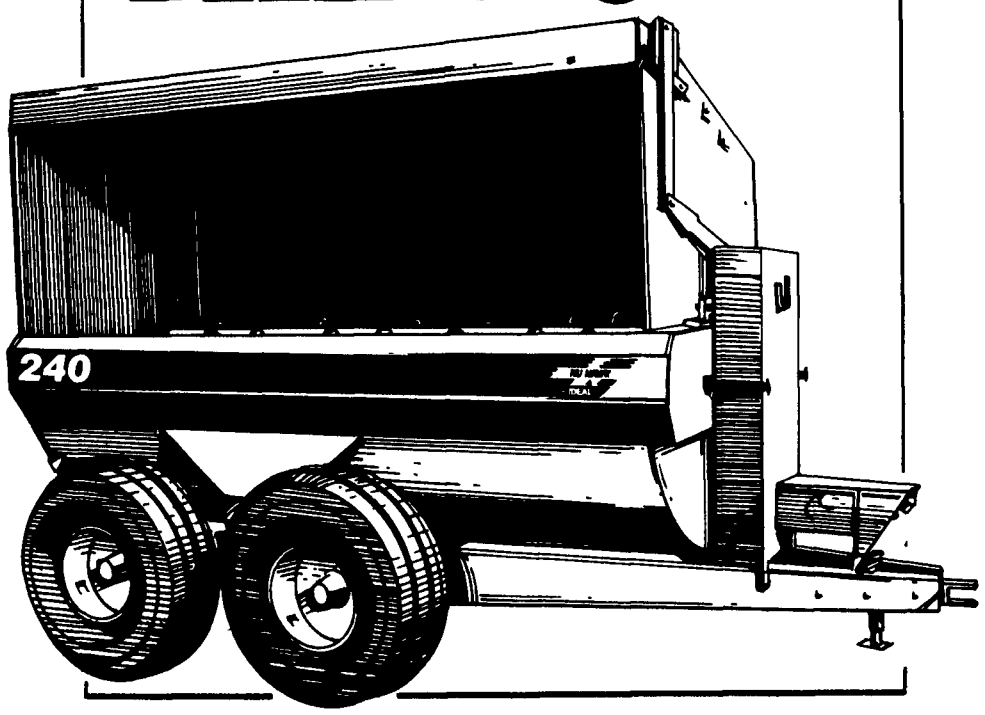
Check the microwave oven, too. Stale food particles left in the microwave oven can interfere with cooking time. Food cooks in the microwave oven by absorbing the microwaves. The molecules of the food begin to vibrate, and this friction creates heat within the food. Stale food can absorb some of the microwaves, and cooking time could be slower than usual.

To clean the microwave oven, place a mixture of lemon juice and water inside the oven and turn it on. The steam will condense on the oven surface and make food much easier to remove. The lemon juice will absorb odors.

When cooking foods in the microwave, follow the manual's direction. Some recipes call for a 10 - 15 minutes standing time after taking foods from the oven to allow the cooking process to continue. This prevents overcooking.

If you have a question about meat and poultry, while getting your kitchen in shape, call USDA's Meat and Poultry Hotline (1-800-535-4555). Hotline staff can answer questions on the safe handling and storage of these products every weekday from 10 a.m. - 4 p.m. Eastern Time

SPREAD'S THE WORD



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Monthly Report

October 1988

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Ray E McMillen	3	100.0	87.2	21,280	797
Richard Metz Jr	3	29.5	86.8	21,773	793
Kenneth R Benner	3	64.6	87.3	21,157	782
Edward R Brofee	B3	126.0	86.5	21,182	767
Alrada Farms	B3	98.4	85.8	19,427	729
Ed & Wilma McMillen	3	43.0	86.8	20,367	723
Donald Dum	3	37.8	89.0	19,123	717
Dean & Eric McMillen	B3	66.9	84.8	19,542	709
Robert + Linda Loy	B3	55.2	85.9	18,946	701
Earl E Brubaker	B3	56.6	89.6	19,301	700
Martin Brothers	3	169.5	88.5	18,230	696
Benjamin E Dum	3	47.8	89.2	19,068	693
David H Weller	B3	61.0	87.6	19,279	692
Perry Kretzing+Sons	B3	116.7	88.0	18,703	692
Nevin G Rice	B3	102.5	88.0	19,033	689
Richard L Maurer	3	54.7	87.8	18,338	685
O'Toole Bro's	B3	49.8	85.9	18,214	683
Ronald W Shambaugh	B3	32.6	86.3	18,539	679
Edwin L Sheibley	B3	57.5	86.0	18,255	675
Clark W Bower	B3	91.2	87.4	17,331	673
Innerst Farm	B3	54.7	83.6	19,050	671
Byersholm Farms	B3	22.5	94.5	19,297	670
Richard G Smith	3	61.3	88.4	18,246	669
Milmay Farm	3	54 5	86.7	18,486	669
Arthur E Dum Jr	G3	59.4	91.4	18,331	663
Perry Valley Farm	G3	53.5	87.6	18,329	660
George Brubaker Jr	B3	46.4	88.2	17,146	660
Carl R Martin	B3	59.7	85.8	18,541	650
Melvin S Weaver	B3	73.4	85.7	18,696	649
John B Sauder Jr	B3	87.3	88.0	17,478	649
Pine Creek Farm	B3	48.6	84.6	19,178	648
MW Smith Farms	B3	79.4	84.3	19,753	644
Bratton View Farms	3	72.3	89.7	18,177	640
Carl E McMillen	3	49.9	90.2	18,441	636
Danny E Rice	3	33.8	86.7	16,815	634
JW & CL Achenbach	3	45.7	90.6	17,555	633
John-Timothy Adair	G3	49.4	81.5	16,703	630
Richard Kriebel	3	49.4	88.3	17,482	624
Oscar&Winie Campbell	B3	53.4	87.8	17,695	621
R Jack Crozier	B3	43.9	87.6	17,395	621
John E Book	B3	44.0	86.2	17,793	621
Lyons Brothers	B3	65.9	91.3	16,884	620
Robt & Bernice Gabel	3	41.9	90.7	17,892	615
Duane L Hertzler	B3	153.5	85.2	16,409	614
Clarence S Martin	B3	53.4	85.4	17,128	613
Irvin M Martin	B3	54.4	87.8	17,630	613
Daniel F Stoltzfoos	B3	40.4	86.9	17,326	612
Philip E Brubaker	B3	63.8	81.3	17,114	606

Alrada Farms #Linete	3-1	305	20,619	3.8	800
Ray E McMillen Julip	4-4	305	24,834	3.3	838
Jenette	4-3	305	25,116	3.9	991
Jella	3-2	305	20,401	4.2	860
505	3-1	305	24,957	3.8	958
Nevin G Rice 365	6-11	305	26,456	3.4	901
383	6-3	305	25,558	3.5	898
467	4-5	305	23,451	3.5	825
450	4-9	305	24,191	3.8	923
528	3-3	305	21,866	3.9	870
527	3-3	305	21,250	3.8	820
Martin Brothers 777	4-2	305	22,623	3.7	853
785	4-1	305	20,351	3.9	803
Benjamin E Dum #Alice	3-2	305	21,290	4.0	861
Trout Brothers 10	3-3	305	21,427	3.7	812
Robert & Linda Loy Crissy	6-1	305	26,029	3.8	1004
Rhona	5-3	305	21,432	3.8	817
Richard L Maurer Tex	5-0	305	21,912	4.4	983
Brattonview Farms Ruby	8-1	305	21,908	4.0	889
*Moe	5-5	305	22,823	3.7	855
Edward C Brofee Hassie	6-2	305	22,601	3.8	879
662	4-4	305	24,329	3.7	902
Sabina	3-7	305	25,166	3.5	900
Anna	3-0	305	23,395	3.7	877
Kenneth R Benner Sassy	4-5	305	27,811	3.2	902
Oscar & Winie Campbell Didi	3-1	305	22,284	3.7	832
O'Toole Brothers Charman	4-11	305	20,494	4.1	851
Melvin S Weaver 65	7-4	305	22,717	3.7	844
74	5-4	305	23,738	4.0	953
105	4-5	305	23,049	3.7	867
Perry Kretzing & Sons 51	5-11	305	18,920	5.0	946
11	5-6	305	24,992	3.5	881
81	3-1	305	21,054	3.8	818
83	3-3	305	26,285	3.3	871
David H Weller Sandra	8-2	305	23,736	3.4	818
Joy	4-6	305	21,736	3.7	824
Dean & Eric McMillen Wyn	5-4	305	25,363	3.6	927
Mim	5-1	305	20,171	4.1	836
Richard G Smith Robin48	8-6	305	21,571	3.7	806
Perry Valley Farm 4	12-5	305	20,884	3.8	810
Ed & Wilma McMillen Shirley	4-8	305	24,444	3.8	943
Oribel	4-7	305	24,489	3.4	850
Quaker	3-1	304	23,244	3.4	803
Dale Smoker 166	4-10	305	20,565	3.9	813
R Jack Crozier Pat	6-10	305	22,028	4.1	910
Pine Creek Farm 9	4-8	297	25,945	3.0	801
John-Timothy Adair 91	7-0	305	23,143	4.3	1015
Daniel F Stoltzfoos Pansy	5-1	305	24,718	3.3	822
Irvin M Martin 67	6-10	305	25,244	3.2	827
Richard Metz Jr Jan	4-4	305	25,499	3.6	925
Just	4-1	305	24,159	3.4	824
JW & CL Achenbach Babe	2-11	305	22,800	3.5	815

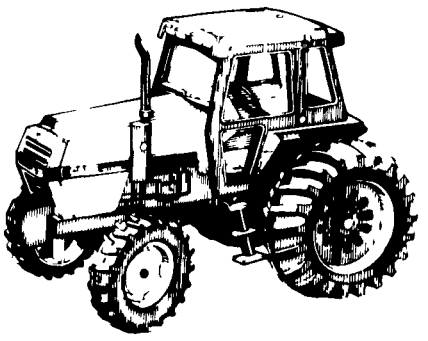
SEASON'S TREATINGS

Make it a Special Holiday with sturdy toys from your CASE IH dealer

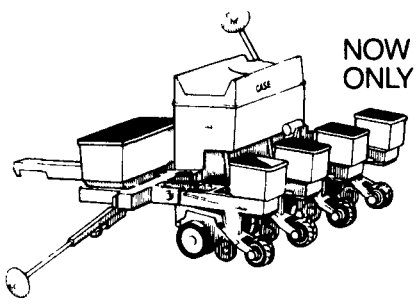
PARTS VALUE OF THE MONTH

case ih

NOW ONLY $21.95
Authentic 1/16-scale Case 580E Loader/Backhoe



NOW ONLY $25.75
Authentic 1/16-scale Case International 3294 Tractor



NOW ONLY $17.75
Authentic 1/16-scale Case International 900 Planter

NOW ONLY $25.75
Authentic 1/16-scale Case International 7130 Tractor

Put a smile under the tree with these scale-model toys of real equipment. They're die-cast for durability and finished with tough enamel. See us for these and other special values of the season. Come in today!

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Kafferlin Sales & Service
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SHILOH
Farm-Rite Inc.
609-451-1368

VINELAND
Tri County Equipment
609-697-1414

Franklin Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

September, 1988
Rolling Herd Averages

Name	Brd.	No. Cows		Lbs. Milk	Lbs. Fat
Oakleigh Farm		3	119	20,556	810
RV & SV Hollenshead		B3	126	22,550	799
Roger Beck		3	81	18,607	762
Wayne A Hall		3	40	20,201	750
Alvin Meyers		3	53	19,180	739
Mike Flannery		B3	72	21,167	737
Jaye & JC Young Jr		3	63	19,626	736
Edwin R Eby		3	60	19,690	734
White-Mar Farm		B3	68	20,246	732
Stanley J Helman		3	75	20,010	728
C Richard Locke		B3	106	18,669	721
Stephen J Mellott		B3	118	19,280	713
Kenneth L Caufman		B3	35	18,329	712
C Glenn Daugherty		3	119	19,822	709
Clinton Stahl		B3	80	19,595	708
Mark D Garber		G3	38	19,812	706
Robert E Harwood		3	106	20,681	704
Aldus Eby		B3	55	19,063	704
Culbertson Green Farm		B3	115	19,119	704
Long Lane Holstein		B3	12	18,168	701
Carl O Stuff		3	51	19,499	700
Richard Harshman & Son		3	75	18,871	697
Fred E & Dale Rice		3	184	18,499	689
Mark W Meyers		3	90	18,488	688
Ivan D Horst		3	68	18,264	683
Ray & Roger Garber		2	52	13,933	682
Joseph S Middour		G3	97	18,095	680
Doug and Barb McCulloh		B3	93	18,893	680
Meyers Bros Dairy		3	149	19,043	679
Ro-Mar-Co Holsteins		3	45	18,317	678
Virgil & Daryl Crider		B3	107	17,827	676
Harold Goshorn		G3	88	18,463	676
Garnet Eshelman Jr		B3	50	18,781	676
Keeners Dairy		B3	113	17,611	675

Lactations

Oakleigh Farm						
Trista	RH	8-7	305	22,618	4.4	1002
Ace	RH	5-1	305	25,522	3.7	954
Inez	RH	4-4	305	22,537	4.1	940
Hope	RH	3-0	305	23,156	4.3	998
Gaymere Farms						
7	RH	7-4	305	25,033	4.0	1022
Robert Mellott						
Monkey	RH	5-6	305	23,913	3.7	896
Kenneth Mellott						
Josie	RH	6-1	305	22,882	4.3	991
Roger Beck						
Cola	RH	7-4	305	24,752	3.6	911
Fries Brothers						
210	GH	8-11	305	23,459	3.9	936
Jaye & JC Young Jr						
Flower	RH	6-3	305	26,622	3.6	978
C Glenn Daugherty						
Connie	RH	4-0	305	21,034	4.4	945
Fred E & Dale Rice						
443	RH	7-6	305	24,363	3.6	897
Harold R Burkholder						
26	RH	5-8	305	25,009	3.9	996
31	RH	3-3	305	20,280	4.3	881
Beidel Brothers						
20	RH	4-10	305	22,699	4.0	914
Richard Harshman & Son						
Nikkie	RH	4-3	305	24,928	4.0	1008
Mark W Meyers						
100	RH	4-11	305	33,405	2.8	964
Alvin Meyers						
Darcy 13	RH	10-2	305	25,657	3.5	906
Shannon	RH	3-8	305	23,308	4.1	977
RV & SV Hollenshead						
Proud	GH	6-9	305	27,450	3.4	943
Pilly	GH	7-5	305	28,679	3.3	967
Chance	RH	3-4	305	25,734	3.7	969
Venus-2	RH	3-2	305	24,576	3.8	954
Stephen J Mellott						
50	RH	5-0	305	21,906	4.7	1050
Clinton Stahl						
25	RH	6-0	305	27,320	3.5	974
53	RH	3-3	305	24,735	3.5	880
Robert Grove						
261	RH	4-2	305	22,308	4.4	989
Ivan D Horst						
3	RH	6-10	305	27,553	4.0	1118
White-Mar Farm						
320	RH	3-9	305	23,891	3.8	920
We-Kings Farm						
38	GH	4-11	305	23,578	3.7	887
Sen-Lee Holsteins						
Jody	GH	5-0	305	25,335	3.6	923

LUZERNE COUNTY DHIA
September 1988

Owner	Brd.	No. Cows	% Days IN Milk		Milk Lbs.	Fat Lbs.
Paul Stoss Jr	R&GrH		21.1	87.7	21,385	790
Robert Hough	RH		59.0	88.9	19,662	766
Jack & Nelson						
Dent	RH		37.6	86 3	19,189	763
Pecora Bros	R&GrH		180.6	90.2	19,076	719
Fred Shultz	RH		57.5	87.7	18,136	748
WM Dagostin &						
Sons	R&GrH		125.6	86 3	17,701	650
Hilliards Farm	RH		27.6	86.0	17,437	661

Lactations

Pecora Bros						
59-1818	RH	5.0	305	20,808	4.1	857
1341792	RH	5.5	305	24,748	3.7	928
67-1869	RH	4.6	305	25,698	3 3	852
Robert Hough						
Mona	RH	5.4	261	22,433	3.9	882
B-Pat	RH	4.2	305	21,943	4.8	1071
Paul Stoss Jr						
Julie	RH	3.3	305	24,276	3 5	862

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section C. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

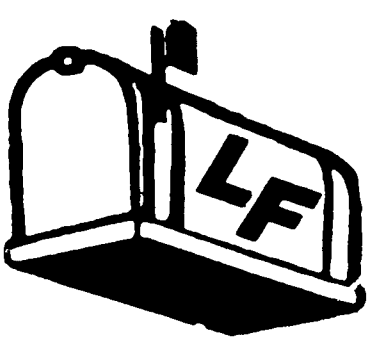
CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

CLASSIFIED ADVERTISING RATES

29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

7 LIVESTOCK EQUIPMENT

6 bu. SS rotary feeder with porc. bottom pan and grill new one $125. Freight available payable to: Steven D Yoder, RR3, Box 189, Meyersdale, PA 15552

New Bulk Feed Tanks, bottom boot & ladder, 4.2 tons, $670.; 5.7 tons, $760. Free Delivery. 217-379-3586

Redi'Haul livestock trailer, 1984, new, never used, 2 axle 16' long, open top with divider gate. Ideal for hogs. $1500 OBO. 201-359-5934 eves.

Taper-board feeder, 140' plus extra drive unit set; can be made into two feeders. 140' roof for over feed bunk. 717-865-4932.

WANTED: Used J bunks. After 6PM, 717-648-2078.

Wood Shavings For Sale. 717-244-9042

KENCOVE FENCE CRIMPING TOOL
4 Slot...$55.00

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NEW EQUIP. FOR SALE
Badger 20 ft. Ring Drive Silo Unloader
Badger Barn Cleaner w/Hook Lok Chain
Badger 3800 Gal. Vacuum Tank
Ph: 717-866-7565

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The Safety Coated High Tensile Fence Also available Board Fence & Fence Painting. All material & work warranteed.
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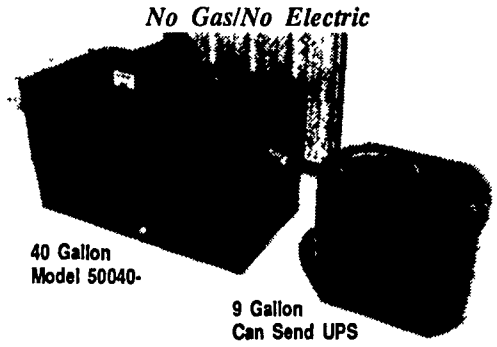
Free Delivery Possible
KENCOVE
NEW ZEALAND TYPE HIGH-TENSILE FENCE
STRONG • LASTING • ECONOMICAL

PA: 800-442-6823
USA: 800-245-6902
FREE GUIDE
111 Kendall Lane
Blairsville, PA 15717

Lapp ENERGY FREE DRINKERS
No Gas/No Electric



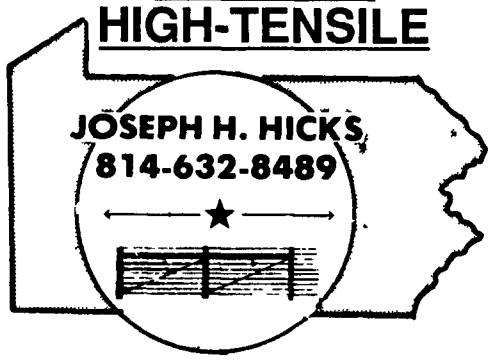
40 Gallon Model 50040-
9 Gallon Can Send UPS

Proven to Work - Since 1984
Drinkers have a new unique baffled drinking design with free floating insulated Therma-Cap manufactured from a durable poly-product. This makes it easy for all livestock to drink from No wasted water underground

Manufactured By
S.M. COMPANY
Sheep Hill Road, New Holland, PA 17557
7-7:30 AM/PM 717-354-9205 or 717-656-9215
Dealers Wanted

FOR SALE.....
SAWDUST
Dry Fresh Cut Cured
SHAVINGS
Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity

CENTRAL HIGH-TENSILE



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#1. Servicing Central PA
#2. Written Warranty
#3. Guaranteed Estimates
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#5. Strong, Long Lasting, Economical

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Tox-O-Wik Cattle Scratchers
Cattle Treat Lice As Needed
Dealer: **Edwin W. Hoover**
360 Indiantown Road, Ephrata, PA 17522
717-733-8313

Leave Message at 717-354-4374 or Between 6:30 & 7:00 a.m. or p.m. 717-442-8631
261 Wolf Rock Rd. Paradise, PA 17562

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All Types Of Fencing
* High Tensile * Post & Board
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We also do post driving

SUMMIT SYSTEM, INC.
HIGH TENSILE FENCING
WE INSTALL COMPLETE FENCE SYSTEMS

WRITTEN GUARANTEE
30 Years On Posts & Wire
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WOOD SHAVINGS
*** * KILN DRIED * ***
Don't be caught short this winter! Call now for delivery of bagged, baled or bulk wood shavings & sawdust. A quality bedding material at an economical price.
Large or Small Quantities Available

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7 LIVESTOCK EQUIPMENT

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Get more out of your land for less with the hottest thing in Rotational Grazing "Spider Fence"

We Custom Design Each Fence For The Job It Must Do. Then We Send You A Computerized Estimate. We Use Only Top Materials Like Kiwi Max-Ten 200 wire.

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Free Estimates
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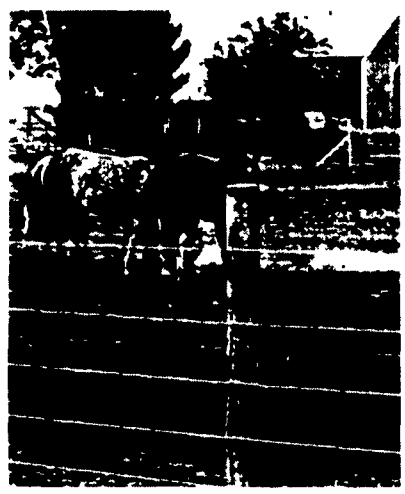
HIGH TENSILE POLYESTER WIRE



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DISCOUNT COUPON

LUX TRAILER SALES

HORSE-CATTLE-FLATBED TRAILERS
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(301) 464-2574

A division of Jesse R. Austin Enterprises.
Over 200 new & used units IN STOCK in 15 brands.

DECEMBER SPECIAL: $100.00 off plus free brake control & plug w/ purchase of any new IN STOCK unit bought before 12/31/88. $250.00 off plus free brake control & plug w/purchase of any left over red tag units bought before 12/31/88.

NEW UNITS:

X-TRA WIDE Thorobred delux	$2995.00
Dressing Room models	$4795.00
2-horse stock models	$1995.00
16' bumper stock models w/removeable rack	$2195.00
16' gooseneck stock models w/full nose	$3295.00
20' H.D. Pipe gooseneck stock	$3500.00

Flatbeds from 4'x8' to 8'x10', Bumper & Gooseneck.

USED UNITS:

2-horse w/slide away feed tray	$795.00
2-horse Shoop Thorobred model	$1195.00
2-horse Shoop w/dressing room	$1500.00
2-horse Phillips gooseneck	$1795.00
16' gooseneck stock	$1995.00
4-horse gooseneck w/dressing room	$2500.00
6'x24'x7' tall gooseneck stock, late model	$3995.00

Full Service Shop on Premises. Temporary tags provided
Other sizes & styles available in assorted colors.

Open 9-6, Mon.-Fri., 8-12 on Sat., CLOSED SUNDAYS.

5 minutes off Interstate 95 outside Washington, D.C.
HOLIDAY CLOSINGS: December 24, 25, 26--Dec. 31, Jan. 1 & 2

Have a safe & enjoyable holiday and remember to give thanks to the Lord for all he has given you.

DISCOUNT COUPON

"Good Fence/Good Neighbors"
Beaver Fence Systems
Pall Fence — Broad Fence
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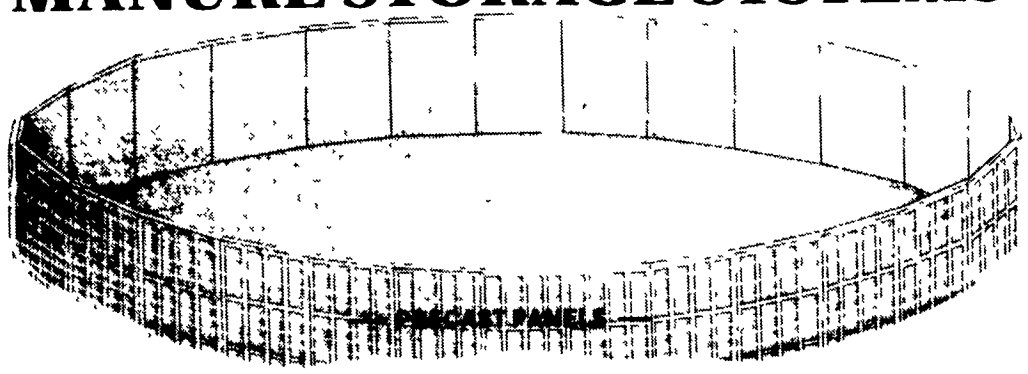

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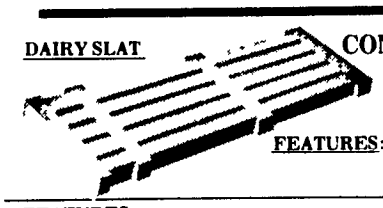

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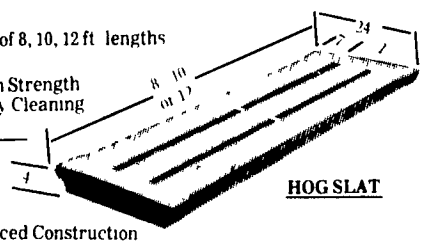

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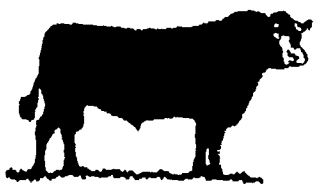

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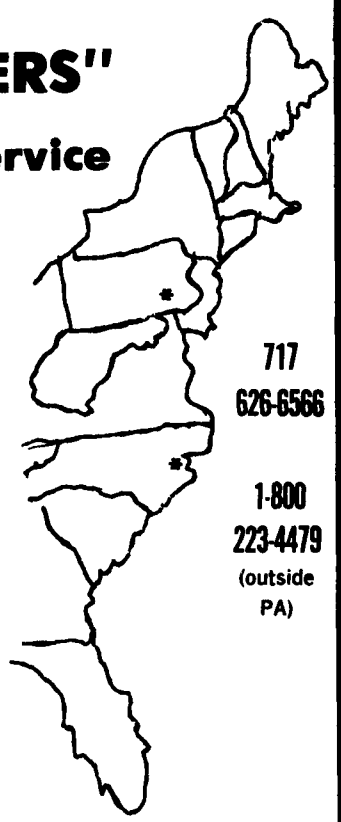

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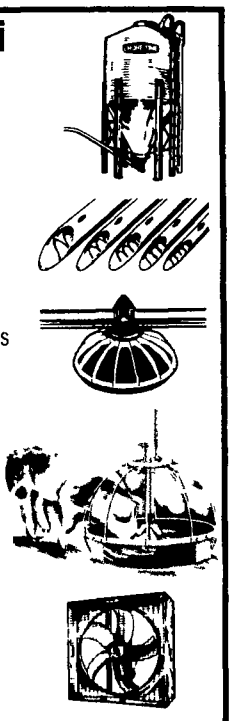

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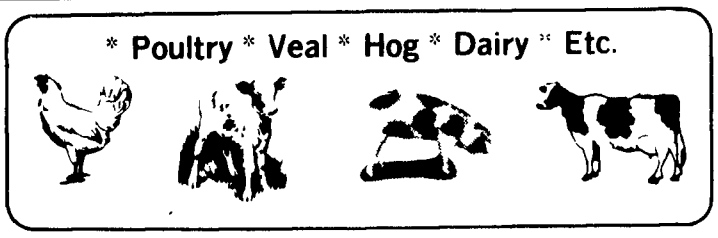

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Dairy farm employment opportunity. Full-time. Long-term. Excellent salary package including house, utilities, paid vacations, bonuses. 25% milking share, alternate weekends off, 54 hour week Dairy experience preferred Cropping, mechanical and Class II truck experience helpful Time for family is the goal here. Approx. starting date 2/89 Call for appointment Lanc Co. Fred 717-872-1317, Dave 872-7599, Farm 872-6432

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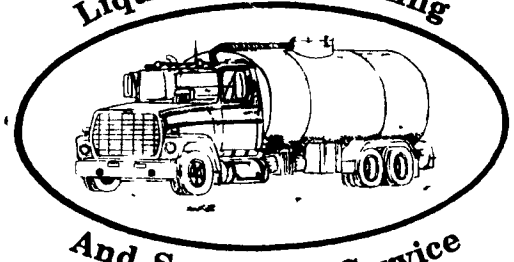

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AKC St Bernard puppies, nice markings Ben Esh, Jr, Rt 1, Box 427, West Eby Rd, Bird-In-Hand, Pa 17505. Close to Hellers Church.

Eight cute Christmas pups, 5 weeks old Collie mixed Ivan K Stoltzfus, RD1, Box 101A, Narvon, PA 17555 Travel East on 23 Twin Valley Bible Chapel turn right 1st farm left

English Springer Spaniel pups, AKC Registered, female, $200., male, $175 Call 215-682-4716 after 5 00

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Would like to buy AKC Rottweilers, all ages and sexes Highest prices paid, call Harris collect, 301-292-2410.

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AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
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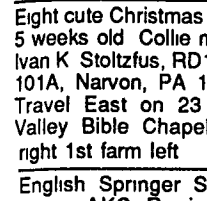

PUPS WANTED

By Jo Jo

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I will also pickup pups in Kirkwood, Quarryville, Georgetown, Intercourse & Terre Hill area on same dates.

Call 1-609-452-8903 before 9 AM for details.

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P.S. There will be a $200 prize for the cutest puppy purchased Dec. 20.

WANTED Puppies For Pets

AKC, Purebred, Mixed Litters.

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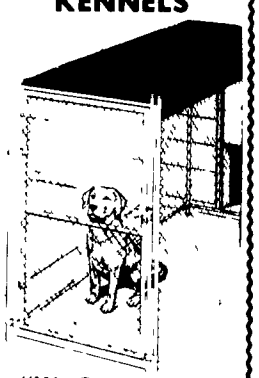

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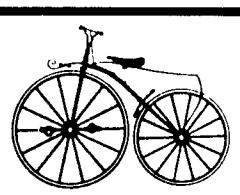

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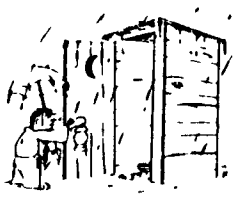

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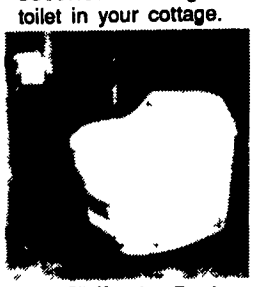

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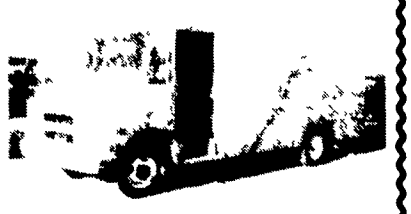

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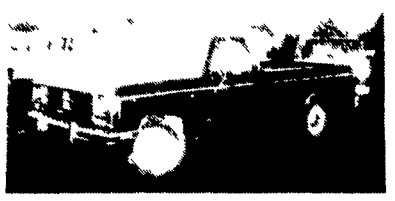

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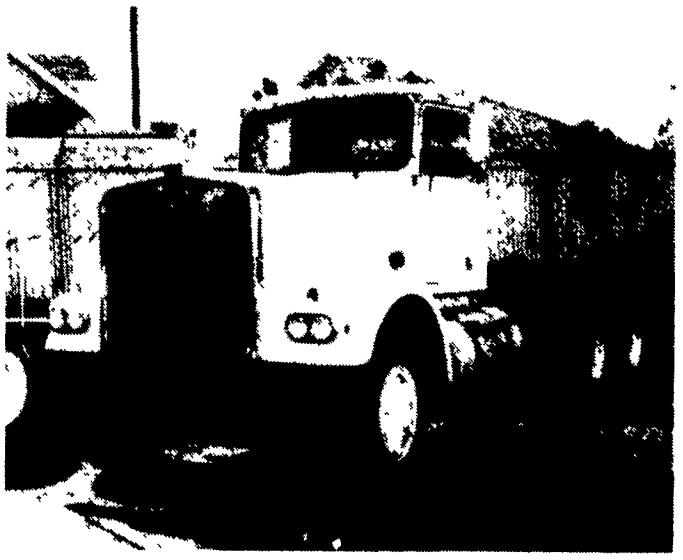

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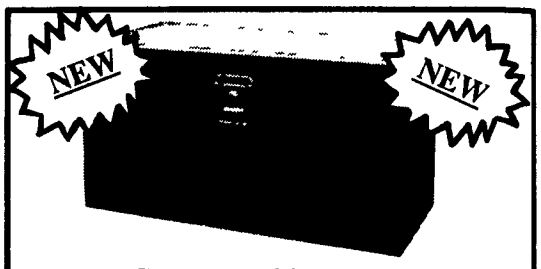

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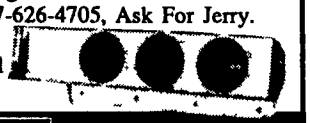

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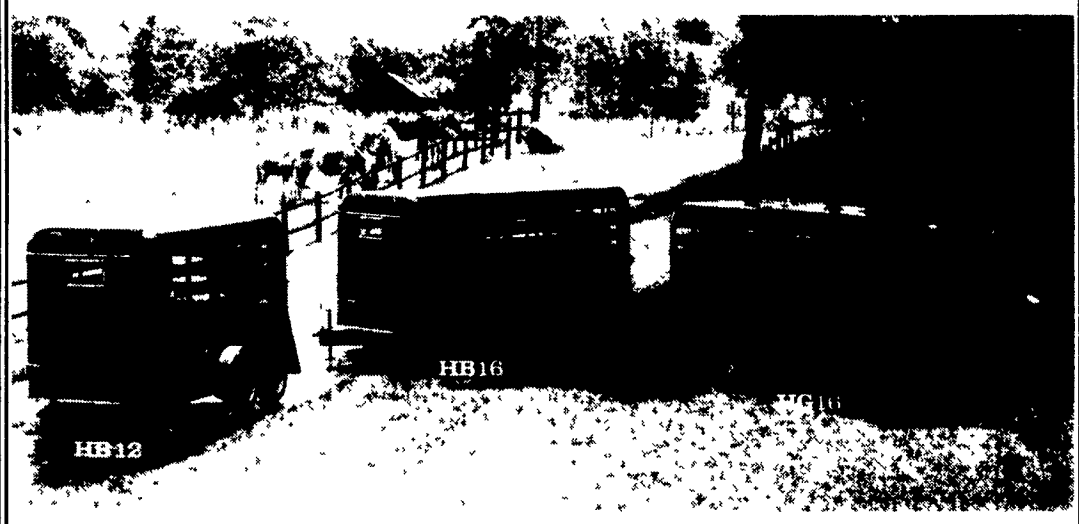

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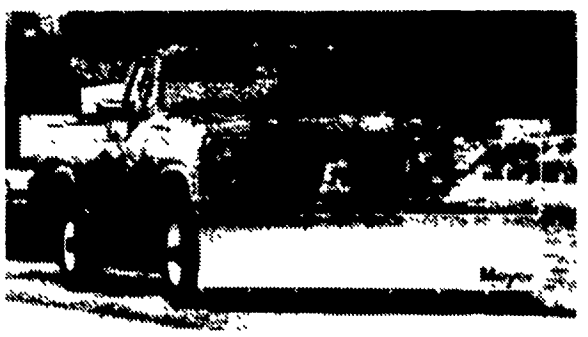
Unless This Emblem Is On Your Car Or Truck You Probably Paid Too Much

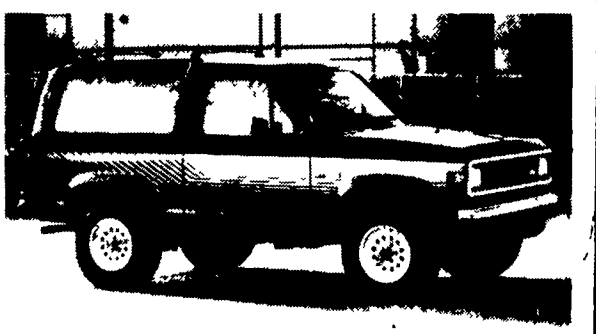
9-9 Daily
9-5 Sat.
717-272-7671

SHEEHY LEBANON
20th & Cumberland St. - Lebanon

Parts Dept. Open
Daily 8-5
Sat. 8-12
717-273-8168*


Snow Plows Arriving Daily

Snow Plows Arriving Daily
Rebates
Bronco II As High As $600
Rangers As High As $500


1988 Ford Bronco II

1988 Ranger

4 WD Pickups In Stock

'82 Chevy Scottsdale, ½ ton, 6.2 diesel, 3 spd., auto., AC, PS, PB, AM-FM, cruise control, white w/matching fiberglass topper, excellent condition, 87,000 miles, PA 1 owner, Asking $4,950. OBO
'82 Chevy Luv 4x4, 34,000 miles, 4 spd., blue w/topper & bed liner, extra nice condition, Asking $4,450
'86 Chevy Blazer 4x4, Silverado, black, 20,000 miles, $14,495
Other late model cars & trucks at reasonable prices.
717-949-6513

New 12x6, 2 slat Moritz stock trailer w/PA setup $2648. Dark blue. Real sharp. 717-597-5611

New Hudson 6 ton tilt deck, 22' deck, new, $4195. You've got to see this one. 717-597-5611

LIME TRUCKS
1961 Diamond T, 10 ton, $2,500.; 1967 IHC, 10 ton, $5,000. Baltimore Co., MD. 301-357-4073 or 301-357-8314

USED TRAILERS: 20x8' gooseneck 2 axle $3000; 18x7' construction, 2 axle $2,100; 16x6'4" landscape 2 axle $1,600; 12x6' Landscape 2 axle $1,300; 12'x6' landscape 1 axle $1000; 14x6' construction, 2 axle $1,000; 8'x4' utility 1 axle $350; 6x6' utility 1 axle $300. RINGO HILL FARMS, Rt. 212, Pleasant Valley, Quakertown, PA. 215-346-7340.

WANTED: Used 19' dump body, alum. or steel, 717-752-7131.

14' Owens gooseneck trailer, 20,000 GVW, $1,800
Forry's Ag Service Inc.
717-397-0035

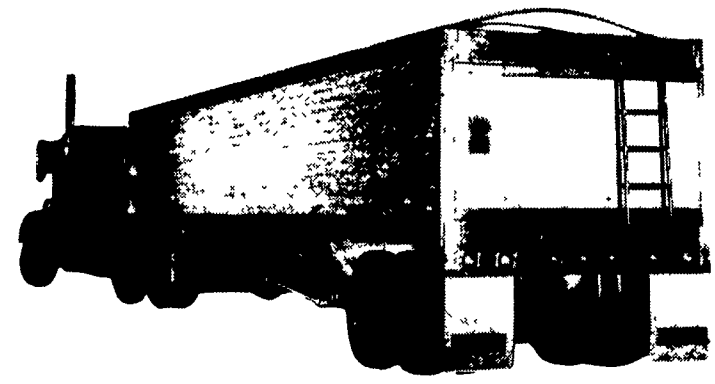
1978 Int. 24' rollback truck w/95,000 miles, real nice condition.
717-943-2131

1986 International, Model S-1954 DT-466 engine, 5x2, A/C, P.S., Air brakes, Air seats, 32,000 G.V.W. Only 17,000 original miles - original owner. Excellent condition, $23,000 w/o box.

Call 215-269-1871

PLATE STEEL
LIKE NEW
3/16" and 1/4" 7'10" in width
lengths up to 30'
Priced to sell
We can deliver
KISKO SALVAGE
Rt. 209, Tremont, PA 17981
(717) 695-3332

NEW
REDESIGNED 1989 TIMPTE GRAIN HOPPER



Got Grain? Then get the trailer that is Timpte tough... the Super Hopper. It's not only built to take it...it's also built to cut fuel costs. The Super Hopper is lightweight and aerodynamically designed to reduce wind drag. When there's grain to be hauled, Timpte does the haulin' best and pulls a lot easier than the rest.

M.H. EBY, INC.
Box 127, Blue Ball, PA 17506 (717) 354-4971

USED TRUCKS

'87 Chevy Silverado Crew Cab, Dual Wheel, AT, PS, PB, AM/FM Cass., Cloth Seats, 454 Eng., 30,000 Miles, Exc. Cond.
$14,800

'85 Ford XL F350, 4 Speed, PS, PB, AM/FM, Air, 8800 GVW 460 Engine, Blue, Exc. Condition.
$8,200

Financing Available
MARTIN'S AUTO SALES
725 E. Main St., New Holland, PA 17557
Office (717) 354-9967 or (215) 445-4519

END-OF-YEAR CLEARANCE SALE

USED ALUMINUM BODIES
- 8' Eby Aluminum 5'8" Height
- 21' Eby Aluminum 6'6" Height

USED ALUMINUM GOOSENECK TRAILERS
- 16' Barrett • 28' Eby
- 24' Barrett • 22' Barrett

M.H. EBY, INC.
P.O. Box 127
Blue Ball, PA 17506
(717) 354-4971

DEALERS WANTED
Horse and stock trailers, utility, pickup caps, sun visors, etc Details Wayne Wyant, Box 200, Hawthorn, PA 16230 Phone 814-365-5100

For Sale 1986 18' truck platform w/stake sides, like new, $1500 215-683-7943

For Sale 16' Morgan van body, like new, $1800 215-683-7943

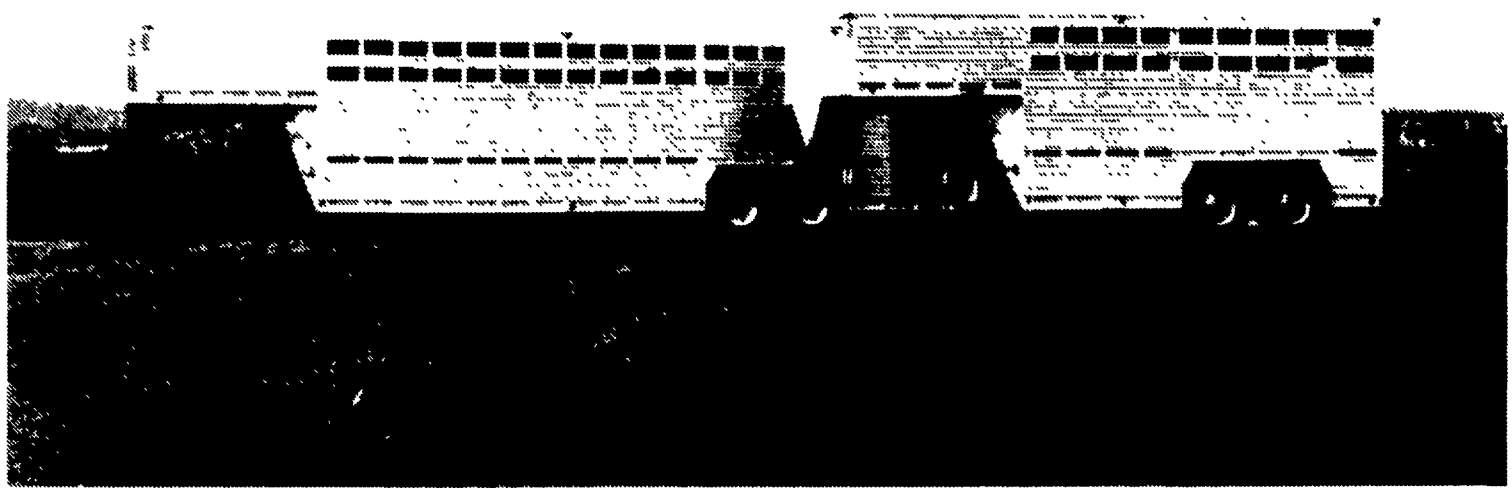
For Sale 74 White Road Boss, less than 100,000 miles on motor, 318 D D 10-speed, 34,000# rears, $4,800 717-469-0434

For Sale Transfer Trailers, all sizes; Demolition Dumps; Used trucks, agricultural dump bodies & trailers, economy grain dumps, rollbacks & log trailers Keith walking floors, sold & serviced 814-623-9696 or 814-623-8696

Hudson 9 ton dual tandem, 18' w/5' Beavertail, industrial trailer, new, only one left at $5,250. 717-597-5611

Mack 1985 MF-200 w/13' flatbed body, set up for bumper pull or gooseneck. Trailer towing. Remote air or elec. trailer brakes, tool boxes, 100 gal. fuel tank, excellent condition $10,500 215-346-7340

1981 GMC GENERAL TRACTOR
435DD, 13 Speed, Rayco Supsension, 11x24.5 Tires, 212 WB, Sleeper
NORMAN D. CLARK & SON
717-734-3682



24 foot Ruff Neck trailer on left is Eby's workhorse. Trailer on the right is an economical, 16 foot Wrangler.

Get outstanding value in EVERY Eby trailer.

Whether it's a top-of-the line Ruff Neck or an economical Wrangler, you know your livestock trailer is built to last if it's from Eby.

Aluminum construction is one of the main reasons these trailers are so durable and reliable. They'll never rust through or need welding. In fact, without ever being painted, an Eby livestock trailer will stay looking new for years.

Standard features make your Eby trailer a profitable investment. Extra-heavy axles, brakes, wheels and tires. Thick aluminum sheet flooring. Sturdy posts and rails. Even an aerodynamically designed front end is standard.

And, while standard features make even the economical Eby Wrangler far more than an average economy-model, we custom-build everything we make. So you tell us what **you** want. Choose from a long list of options. Select those features you need for your particular operation. Whether it's a Wrangler or deluxe Ruff Neck, the trailer you buy will be the trailer you need.

Call or write for more information and the name of the Eby dealer nearest you.

M. H. Eby, Inc.
Route 23
Blue Ball, PA
(717) 354-4971

FLASH
(2) 20' Wranglers Specially Priced For Year-End Clearance!

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Or You Can Buy Stock Units At Current Inventory Prices. Better Act Soon To —

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ALL OPTION PACKAGES AND OPTIONS SOLD AT EXACT FACTORY INVOICE

Price includes: 3% holdback, floor plan interest credit, dealer prep reimbursement, paid by GM to all dealers. (Holdback is 3% of manufacturer's suggested retail price of base car & option excluding freight. (Price excludes: state and local taxes, license and filing fee, incentives or rebate programs, if any paid to customer. If for any reason you should have to cancel your order, your deposit will be cheerfully refunded.

OR SEND FOR ADDITIONAL INFO. THIS SERVICE IS FREE — WE CHARGE NO FEE.

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CITY

STATE ZIP

PHONE NUMBER

SELECTED MODELS

KLICK-LEWIS
P.O. Box 32,
Palmyra, PA 17078 L.F.

1989 CHEVROLET PONTIAC BUICK AND CHEVY TRUCKS	Window Sticker	KLICK-LEWIS FACTORY INVOICE PRICE Delivered price includes std equipt GM Adv fee and freight	Option Package 1 or A	Option Package 2 or B	Option Package 3 or C	Option Package 4 or D
CHEVROLET						
Caprice Classic 4 dr	14,950	**13,164.04**	602 65	1674 50	n/a	n/a
Caprice Classic Brogh	16,120	**14,185.75**	421 60	1913 35	n/a	n/a
Caprice Clase Wagon	15,530	**13,670.58**	201 45	1261 40	1991 55	n/a
Celebrity 4 Door	11,946	**10,534.19**	455 60	786 25	1030 20	n/a
Celebrity 4 Door Wagon	12,375	**10,909.28**	470 90	941 80	1214 65	n/a
Corsica 4 Door Notchback	10,410	**9,490.61**	-218 45	465 80	680 00	n/a
Corsica 4 Door Hatchback	10,800	**9,842.88**	-225 25	459 00	673 20	n/a
Corsica LTZ Sedan	13,250	**12,054.73**	-226 10	11 90	n/a	n/a
Beretta 2 Door	11,000	**10,023.48**	-347 65	166 60	274 55	n/a
Beretta GT 2 Door	13,110	**11,928.71**	-470 90	-362 95	n/a	n/a
Cavalier 2 Door Coupe	8,820	**8,306.59**	2 55	122 40	742 90	1063 35
Cavalier 4 Door Sedan	9,020	**8,493.19**	2 55	122 40	742 90	1169 60
Cavalier 4 Door Wagon	9,400	**8,847.93**	7 65	127 50	845 75	n/a
Cavalier Z24 2 Door	11,750	**10,700.23**	127 50	561 00	947 75	n/a
Camaro RS Coupe	11,934	**10,868.04**	-803 25	158 95	351 90	n/a
Camaro IROC-Z	14,584	**13,260.49**	-803 25	201 45	803 25	n/a
Corvette Hatchback	32,045	**27,456.44**	965 29	n/a	n/a	n/a
Corvette Convertible	37,285	**31,926.76**	965 29	n/a	n/a	n/a
Spectrum 4 Door	8,110	**7,769.30**	STD	391 53	589 62	981 15
Spectrum 2 Door	7,610	**7,294.30**	STD	391 53	589 62	981 15
PONTIAC						
LeMans Aero Coupe	6,714	**6,347.08**	n/a	n/a	n/a	n/a
LeMans LE Sedan	8,314	**7,803.08**	n/a	n/a	n/a	n/a
Sunbird LE Sedan	9,374	**8,555.46**	198 05	280 50	658 75	n/a
Sunbird SE Coupe	9,524	**8,690.41**	198 05	280 50	653 65	n/a
Sunbird GT Coupe	11,824	**10,767.31**	227 80	387 60	689 35	n/a
Grand AM LE Coupe	10,894	**9,927.82**	346 80	411 40	569 50	945 20
Grand AM SE Sedan	14,224	**12,934.51**	430 10	539 75	n/a	n/a
Firebird	12,438	**11,323.11**	-281 35	116 45	n/a	n/a
Firebird Formula	14,388	**13,084.46**	-612 85	-464 95	n/a	n/a
Trans Am	16,438	**14,935.11**	407 15	725 05	n/a	n/a
6000 LE Wagon	14,219	**12,519.65**	514 25	735 25	961 35	n/a
6000 SE Sedan	15,849	**13,942.34**	202 30	n/a	n/a	n/a
6000 STE	23,049	**20,227.94**	n/a	n/a	n/a	n/a
Grand Prix Coupe	14,354	**12,637.84**	155 55	159 80	321 30	n/a
Grand Prix SE	16,454	**14,471.14**	221 00	491 30	n/a	n/a
Safari Wagon	16,164	**14,204.72**	341 70	1218 90	n/a	n/a
Bonneville LE Sedan	15,334	**13,499.43**	220 15	368 90	1126 25	1524 05
Bonneville SE Sedan	17,704	**15,568.74**	232 90	573 75	980 05	n/a
Bonneville SSE	23,404	**20,544.84**	n/a	n/a	n/a	n/a
BUICK						
Skyhawk 4 Door	9,710	**9,137.06**	STD	524 45	566 95	605 20
Skyhawk 2 Door	9,710	**9,137.06**	STD	524 45	524 45	562 70
Skyhawk 4 Door Wagon	10,655	**10,018.29**	STD	524 45	609 45	647 70
Skylark Custom 4 Door	11,540	**10,510.70**	STD	489 60	871 25	1109 25
Skylark Limited 2 Door	12,770	**11,621.09**	STD	n/a	515 10	1017 45
Century Custom 4 Door	12,879	**11,349.23**	STD	595 00	1007 25	1382 95
Century Custom Coupe	12,649	**11,148.74**	STD	595 00	956 25	1268 20
Century Estate Wagon	14,406	**12,683.03**	STD	n/a	1037 00	1598 85
Regal Custom 2 Door	14,669	**12,912.68**	STD	145 35	646 85	771 80
Regal Limited 2 Door	15,194	**13,370.76**	STD	317 05	990 25	1224 85
LeSabre Custom 4 Door	15,835	**13,936.79**	STD	525 30	883 15	1350 65
LeSabre Limited 2 Door	17,135	**15,071.69**	STD	912 05	1075 25	1353 20
LeSabre Estate Wagon	17,275	**15,193.51**	STD	739 50	1484 95	1725 50
Electra Limited 4 Door	19,075	**16,771.08**	STD	745 45	994 50	1327 70
Electra T-Type	21,875	**19,215.48**	STD	613 70	1099 05	1492 60
Park Avenue 4 Door	21,010	**18,459.98**	STD	289 85	885 70	1289 45
Electra Estate Wagon	20,410	**17,937.18**	STD	671 50	1048 05	1341 30
Riviera 2 Door	23,090	**20,276.02**	STD	369 75	714 00	1010 65
Reatta Coupe	27,250	**23,908.10**	n/a	n/a	n/a	n/a

CHEVY TRUCKS 1989 CHEVY TRUCKS	Other Dealers Window Sticker	KLICK-LEWIS FACTORY INVOICE PRICE Delivered price with std equip. plus freight	Auto Trans MXO	Air Cond	AM/FM w/ Cassette	Tinted Glass
S10 2WD Fleetside 6 Ft	8,985	**8,201.41**	675 75	625 60	300 90	40 80
S10 4WD Fleetside 7⅓ Ft	11,455	**10,793.32**	675 75	625 60	300 90	40 80
S10 4WD Blazer	13,690	**12,453.72**	675 75	625 60	385 90	STD
V-Blazer 4 WD	15,905	**14,004.17**	675 75	663 85	279 65	STD
Suburban R20 2WD Tailgate	15,830	**13,945.86**	675 75	663 85	279 65	STD
Suburban V20 4WD Panel	17,585	**15,442.91**	675 75	663 85	279 65	STD
Astro CS Passenger Van	12,400	**11,294.70**	518 50	625 60	402 90	88 40
Sportvan G20 Series	13,671	**12,053.42**	412 25	768 40	394 40	88 40
Pickup C1500 2WD 6 Ft	11,085	**9,795.71**	675 75	663 85	385 90	40 80
Pickup C1500 4WD 8 Ft	13,100	**11,564.28**	675 75	663 85	385 90	40 80

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HRS.: WEEKDAYS 8-10; SAT. 9-7

720 E. MAIN ST. — P.O. BOX 32
PALMYRA, PA 17078

1989 PRICES NOW HERE!

1980 Ford 8000 LNT, twin screw, 3208 Cat engine, Hendrickson suspension, 26' frame. Can be bought with or without body.
Schuylkill Co.
717-648-7994

New 366 Chevy truck motor, $1,300

Belhousing, fly wheel, clutch & PP, $300

Stainless steel exhaust manifolds, $150/pair

717-762-7940

36 REAL ESTATE

175 acre farm, Jefferson Co, WVA, road & creek frontage, house, barn & other outbuildings Asking $3,000/per acre w/terms. 304-263-9801

58 Stall dairy barn for rent, Finger Lakes area, pipeline, silos full, hay in barn, available immediately. 315-549-8887.

PRICED TO SELL, DAIRY OF DISTINCTION, MERCER COUNTY, 175 acres, 115 tillable, land lease available, 50 comfort stalls, 44 free stalls, 40x120 machinery storage, heated workshop, 2-story remodeled house. 412-376-2108.

"RUSTIC CONTEMPORARY" "South Annville Twp" $250,000. Over 2700 sq ft. of living space plus 1100 sq ft of finished area on the lower level, 6BR, 3 baths, stone fireplace, formal entry foyer, LR, DR, fully equipped kitchen, office, screened in porch, 2-car garage, solar heat w/ wood stove backup, open beam ceilings, full stone wall in the Great room, game room, quiet country location Call Nelson Ebersole 717-867-5221 SUBURBAN REALTY FARM DIVISION, Annville, PA 17003 717-867-4487

Schuylkill Co, 15,000 sq. ft building on 2 acres, convenient I81/Rt 61, excellent manufacturing warehouse distribution w/ refrigeration, large parking, suitable for food processing or trucking 717-875-1270

Upper Dauphin Co. 113 acre farm house, barn, appro. 35 acres cleared, balance wooded, joining state game land located between Elizabethville and Lykens, $125,000. 717-354-4374.

WANTED: Dairy Farm to lease or lease option, 80 plus stall barn, 120 acres plus tillable w/houses by 3-1-89 Robert Cayton, Rt 1, Box 551, Clarksburg, WVA. 26301.

WANTED. Young couple forced out by development, seeking 150 acre, 40-50 cow dairy. Franklin, Fulton PA. Washington Co. MD. 301-582-0558 for Spring 1989 or 1990.

Wanted: Private party desires land or farm, 15 to 100A, in Boyertown, Oley or surrounding areas. After 6 P.M., 215-754-7366.

FOR RENT: 160 acre modern Chester County dairy farm. Ambitious farmer with established herd. Chester Co 215-932-2730.

FOR RENT: Dairy Farm, Wayne Co., 80 cows, 5 bedroom house, excellent condition. Available Spring '89. Call 717-226-1644 Evenings.

FOR RENT. Dairy farm, 34 stanchions, 2 silos, 20 acres hay, 5 pasture, equipment shed, 2 corn cribs, farm needs minor fixing up make repairs in place of rent or owner will make repairs. Long term lease available. $350/per month. Northumberland Co. Call 8.30 to 5:30 609-767-0444

FOR RENT:
LEBANON CO
Dairy Barn-48 Cows, 2nd barn-18 cows plus heifer facility, 1-silo, 1-trench silo Milkhouse w/bulk tank 20 Acres of pasture. Available after Jan. 1 717-865-6524

FOR SALE. 230 acre farm in Penns Valley, Centre Co, PA. Christian K Stoltzfus, RD2, Box 69, Spring Mills, PA 16875

For Sale. 244 acres limestone, 2 houses, 2 barns, milking parlor, 4 silos, 1 mile from I81 exit, 1½ mile from shopping center Franklin Co. 717-263-3521

For Sale House, eight rooms, Tioga Co., Blossburg, PA $29,500 717-724-4474

House Wanted, factory made 1000 square feet or more, at a real low price Lloyd Potter, RR1, Box 420-C, Southard Ave, Farmingdale, N.J. 07727 Phone 201-938-5534.

JUNIATA COUNTY
Fermanagh Twp., 125 acre farm w/78 tillable productive soil, 11 acres meadow w/good stream, balance in woodland. Sturdy 9 room farmhouse, 36x60 bank barn & many other misc. buildings. Good well of water It is set back from the road for privacy & has a great view. Call for appointment. L31 Fermanagh Twp., near 4 lane hwy & exit. 267 acres of woodland w/right of way Has frontage on State Game Lands Buy before year end & save on the price per acre Marlin H. Fields Real Estate, Mifflintown, Pa. 717-436-8839

Lycoming Co cattle or horse farm for lease. 50 acres, fully fenced & sectioned, nice house, 5 outbuildings, 10 yr. old barn, all buildings are masonary, swimming pool, property located on Rt 44, 20 miles north of Williamsport Super hunting & fishing area, and useful for other winter sports Available immediately. 215-637-4699

OPERATING
DAIRY FARM
NORTHERN SNYDER CO
APPROXIMATELY
100 ACRE TILLABLE
Fine facilities, less than 2 hours from Lancaster (see adv) Ask for Carl Diller at KINGSWAY REALTY,
717-569-8701
717-464-2233

TIOGA COUNTY: 340 acres, 200+ tillable, 35 pasture, large bank barn, 16x60 silo, machinery shed, mostly remodeled 2 family house Presently set up for hogs $250,000. 717-724-2575

Tioga County. 9 wooded acres. Secluded & level building site. Just passed perk test. Pretty front porch views. State Lands, stocked lake & stream nearby. Clymer Township. $15,000. KOCH REAL ESTATE, PO Box 217, Westfield, PA 16950. 814-367-5380.

Twenty acre farm, two-story house, spring water, septic, double garage, barn, out building. Tylersville, Clinton County, call after 6PM (717)726-6377.

73 ACRE FARM FOR SALE Deep, well drained soils, near lakes for best climate, Yates Co., New York State, between Dundee and Penn Yan. $73,000. Century 21, Four Seasons, 229 Lake St., Penn Yan, NY. 14527. 315-536-7456

81 acres, 2 barns, approx. 55 acres of good tillable land, balance pasture and woods. Stanley Fritz 502-885-3117 or 502-886-4216.

Apartment for Rent: Loop Road, off 501 north. Two bedroom, living room, kitchen and bath. Apt. newly built Spacious parking with security lighting. No pets. $375 per month plus security deposit Available June 1st 393-0646, ask for Jess or 627-2781 after 5pm, ask for Mike

BEDFORD CO MORRISON COVE, approx 90 acres, 70 acres tillable, highly productive Hagerstown limestone soil. (2) 4BR houses, large 2 story bank barn, 2 silos w/ unloaders, outbuildings, $165,000 814-766-3551

DAIRY COUNTRY Established northern New York dairy farm on Canadian/ Vermont border, overlooking scenic Lake Champlain and the Green Mountains of Vermont. 400 acres of prime tillage (459 acres total), 116 cow tie stall barn, calf area, pipeline system, 2000 gallon bulk tank, storage buildings, dry cow and heifer facilities and feed storage allowing easy feeding for 125 cows year round. Three bedroom farm house with two bedroom apartment and attractive brick country home with apartment and garage. Conservation award winner, family owned and operated but now wish to retire. For more information, call 518-298-5082, 518-298-5374. $711,200.

FARM FOR RENT: Cortland County, NY. 300 Acre, 180 tillable, 65 stanchions, fully equipped dairy farm with 5 bedroom house. Call 201-463-0784.

FARM FOR SALE in Mifflin Co., RD1, Reedsville, PA 172A, 84A tillable, 88A woodland & pasture. Large barn with 48 stalls, 6 calf pens, feed lot, 3 silos, milk house including SS tank, mountain spring water, running water thru pastures 7 room house with fireplace. Down payment and financing negotiable $195,000. Day 717-872-3827, evening 717-299-2624.

FARM FOR SALE New York State, St. Lawrence Co. 150 ac, 41 milkcows, 30 young stock, full line equipment, no silos. Buy stocked or bare Large 5 bedroom home, close to town & school $175,000. S&E. $95,000 Bare. For more details call 315-287-4773 Owner retiring from farming.

Farmer, don't abandon your farm, donate your farm to this tax exempt non-profit organization "The Refuge Foundation", PO Box 696, Rochester, N Y. 14603-0696. Phone 716-454-4235.

Farm For Sale Riverbottom in Clinton Co, 199 acres, 168 tillable, Class I soil, 150-200 bushel corn, beef facilities including 110x120 steel building, 3 concrete silos, duplex farmhouse in excellent condition 717-398-0226.

Farm for sale in Snyder Co., Beaver Springs, PA. 127A--90 tillable, 25 woodland, 12 pasture. A large 2-story barn, 2 machine sheds, and 8-room house with new oil furnace. Excellent location. Call 717-658-7485.

FOR RENT: 14x70 mobile home, 4 yrs. old, 3 bedrooms, 2 baths, washer-dryer, refrigerator, stove. $400/month. On dairy farm in Lancaster Co. 717-354-7868.

Wanted to buy 50+ acre farm in Oakland Mills to Richfield area of Juniata County. 717-665-7765.

Southern Minnesota Farms For Sale:
BOTH LIVESTOCK AND GRAIN FARMS
WE ALSO REPRESENT BUYERS.
FARIBO REALTY
PO Box 836
Faribault Minn. 55021
507-334-2081

Juniata County
4.6 A Farmette, 4 BR home, barn, many outbuildings, $80,000

Northumberland County
71 Acres 60 tillable, 2 homes, may be subdivided

Snyder County
45 Acres, of tillable land, 3,200 sq ft home, small barn with corral Unique property, $140,000
38.6 Acres, very private, house, large barn, mostly tillable acreage $110,000

Union County
10 Acre Dairy Farm, house, barn, 3 silos, milk house, $99,000
125 Acres, 70 tillable, bank barn, outbuildings, 2½ story brick house plus a framed home, exceptional, $375,000.
180 Acre Dairy Farm, 2 story bank barn, milking barn, 3 silos, house plus tenant house. Excellent property

Integrity Real Estate
717-837-1061
717-966-3851
717-286-1600

FARMS FOR SALE
HORNING FARM AGENCY
Main St.
Morgantown,
PA 19543
215-286-5183
Titus Snader, Agent
Milton, PA 17847
(717) 437-2714

MONTOUR CO.
120 acres very productive grain, beef & hog, veg. 30,000 bu grain storage w/12,000 bu. storemore dryer, barn, 2 silos, w/large brick home, 4 BR, fireplace & more

NORTHUMBERLAND CO.
243 acres w/110 comfort stalls, barn, almost new 2000 gal bulk tank w/ modern milk house etc, 3 silos, grain drying & storage, large brick house plus housing for help
150 acres East of Milton, dairy & beef & veg, large spring-fed pond, 2 barns & large brick home, 1 silo & lot frontage
133 acres N Turbotville w/house & barn, silo 12'x40' garage on Rt 54, nearly level in Amish area

LYCOMING CO.
247 acre large dairy, 130 + free stalls, 60 + tie stall, pipeline milker, 3 large silos, lots of storage, nice large farm home, good land

UNION CO.
139 acres Gregg Twnsp, limestone soil, barn & hay shed, 3 silos, milk house, 400 gal tank, 8R brick frame home & pond & 2nd barn.
21 acre hunters special w/house, 6 rooms, full basement w/bath w/ electric on good road bordered on rear to state game land.

CALL CHARLIE BROOKS
Representative for
Marlin H. Fields Real Estate
Mifflintown, PA 17059
Serving 5 county area
717-436-8431 or 717-436-8839

FOR SALE
Farm, 81 acres w/pond, stone house, bank barn, 4 outbuildings, bordered by creek & stream, irrigation possible, 1.25 miles road frontage, Perry Township, Berks Co. $400,000
215-683-3500

FOR SALE
200 acre well maintained dairy farm. Potential development. City water & gas. 70x100' barn & outbuildings in good condition. 8 room red brick home, modern conveniences. Westmoreland Co. Appraised $225,000
412-694-8646 or
412-537-6858

Northern New York:
183 acres, 126 tillable, primarily alfalfa soils, 50-cow comfort stall barn, stone house. $125,000.
184 acres, 164 tillable, 80-cow stanchion barn, large two-story house, 76 cattle, full line equipment. $215,000.
268 acres, 115 tillable, 60-cow comfort stall barn, 28x96 hay storage, three-bedroom house, $96,500.
North Country Realty
132 E. Main St.,
Malone, New York 12953
518-483-0800
Evenings, Richard Spaulding
518-483-3669
Edward Legacy **518-483-7386**

PROFITABLE HOG FARM OPERATION NETTING $20,000+ ANNUALLY
A 2-story dwelling contains 3 rental units netting approximately $10,000 annually. Plus, a barn, horse pasture, 3-car garage & other small buildings on a 5-acre tract in Conoy Township.
OLWEILER REAL ESTATE
717-367-5134 - 717-653-8523

Cambria County, PA on Route 219, 4 miles north of Ebensburg. Lovely farmette on 10 acres includes original farmhouse & like-new 16 yr. old Amish built brick home. Barn, implement shed, etc. $110,000. Immediate occupancy. Adjoining 68 acres farm land available.
Don Davidson Real Estate
814-472-5678

FOR SALE
JUNIATA COUNTY DAIRY FARM 320 acres M/L, 2 homes, 4 barns, apartment, fish nursery and more.
125 ACRE FARM M/L, very secluded, excellent retreat or would be ideal for sportsman club.
Call Jerry Losch
Jack Gaughen Realtor
(717(564-5101 or
(717) 944-4347

LEWIS COUNTY, N.Y. FARM FOR SALE
Total 320 acres, 250 of which are good alfalfa land. Barn in good condition. 86 tie stalls, box stall, barn cleaner room, two 20x60 Ribstone silos, silo unloaders, pipeline milker, bulk tank, large farm house. Dry stock barn for 38 head, one 14x50 silo, tenant house in good condition, 1½ miles from town, school, church, feed store, grocery store.
Call 315-688-2644

LANCASTER AREA
REAL ESTATE WANTED

LET US SELL YOUR FARM:
We Need Farm Listings - Call Us To Market Yours!

RESIDENTIAL DEV. PROP. WANTED
We Are Looking For Residential Developments. Call Us!!!

Jack Gaughen Realtor
Call Ralph Clemans
717-393-0403
1500 Lititz Pike
Lancaster, PA

FOR SALE
GOOD 190 ACRE FARM w/approx. 1¼ mile rd. frontage. 2 story, 8 rm., 2 bath home. Lg. 40 cow barn w/silo. 3 car garage. $1500 per ac.
Call
HEYWORTH REALTY
(301) 733-3701
Farm Department
1300B Dual Hwy., Hagerstown, Md.

FARM WANTED
Father, Son - 2 family team would like purchase on contact or lease with option. Operating Dairy. Well Experienced with references. Own some cattle and machinery.
301-879-7593
301-838-9384

FOR SALE

225 acre farm property, located in Liberty, Pa., Lycoming Co. Approx. 20 miles North of Williamsport, Pa. Buildings consist of a solid 2 story residence constructed in 1972. Two 32x200 poultry houses & other minor outbuildings.

1-800-421-1201

FOR SALE

115 acres working Perry Co. dairy farm. Approx. 85 tillable, level land, balance in pasture w/stream, 38 comfort stalls, milkhouse, loafing area. Attached horse barn new in '86. 2 stave silos, 12x60 & 14x50. 4 bedroom frame house.

Contact: Elmer F. Fisher
Box 138, RD 1
Blain, PA 17006

TOP SELECTION OF DAIRY & OTHER FARMS IN THE MOHAWK VALLEY IN CENTRAL NEW YORK

Michael A. Subik, Broker

- CALL FOR FREE CATALOG
- OVER 200 FARMS AVAILABLE

Farm and Rural Property Specialists.
M.S. Homestead Realty
(518) 922-8899
(518) 922-6301
Auriesville Rd. • RD 1 • Fultonville, NY 12072

BRADFORD CO.

Dairy farm, full operational 300A, 95 head, 40x160 barn, manure storage system, $375,000. Farm without cattle and equipment $250,000.

374 Acres non-operational farm, was beef, private setting, 110x36 bank barn, metal building 100x50, ponds, creek, also great hunting, $319,000.

133 A dairy farm, mostly tillable & pasture, 40x306' barn, 100 stanchions, 2 farm houses $275,000.

Coldwell Banker Gannon Assoc.
380 York Ave.
Towanda, PA 18848
(717) 265-4142

WIMPLE ASSOCIATES

"TOP ACRE FARM FOR DECADES" ...Excellent land base for this 475 acre Mohawk Valley farm with 350 acres tillable. Some river flats with trout stream through. Main barn has 84 stalls with 2" Surge pipeline, new 1500 gallon tank, (2) 24x60 silos, also 14x34. New milkhouse. Heifer barns for 75 head. 20x55 bunker. Three and five bedroom homes. 12x60 mobile home. This is a nice one! JUST LISTED! $390,000 with excellent 230 head herd and top line of machinery available.

HORSE FARM FOR CANOEISTS: 60 surveyed acres in "horsey" area near Cooperstown on large, slow-moving stream. 15 acres woods. Good barn has 20 box stalls for horses. Cozy, nicely remodeled ranch style home with beautiful views. JUST LISTED! $99,000

RIVERSIDE GENTLEMAN'S FARM near Richfield Springs has 190 acres with 100 tillable. Honeoye soils, gently rolling fields. Immaculate 4 bedroom Colonial home. Barn has 50 stalls, cleaner, 2 unloading silos, bulk tank. JUST LISTED BY RETIRING OWNER! $135,000.

WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FREE CATALOGUES

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker
717-758-9177

BEEF OR DAIRY FARM JUST LISTED CENTRAL JUNIATA CO, PA

154 Ac., 140 tillable, contoured, good state of cultivation, 2 story 4 bedroom dwelling, 65 freestall barn, milking parlor bldg only, no dairy permitted till 12/19/91, large bank barn, grain bin w/dryer, 20x68 concrete silo w/unloader, machine shed, bldgs semi-secluded, stream & pond, lot of frontage, good sized family farm, great potential for smaller units — $275,000.

LONG REAL ESTATE
RD#2 Box 410
Port Royal, PA 17082
Ph. 717-527-4784

PENNA FARMS

FRANKLIN CO.

108 Acres General Farm, w/bank barn, 70 crop acres, 25 wooded, 12 pasture, road frontage, stream, restored log 2 story dwelling w/L&S Stone exterior

105 Acre Beef Farm, 1 floor bank barn, 54x90 Morton bldg , 40x96 Agway bldg , 40x80 pole bldg , 3 BR frame & alum. dwelling (needs repairs)

77 Acre Beef Farm, bank barn w/60x80 pole addition, 72x110 pole implement building, silo, limestone soil, NO DWELLING

CUMBERLAND CO.

New Listing. Modern Dairy Complex - 100 free stalls, double 6 milking parlor, 6 units w/weigh jars - 1,000 gallon tank - computer system, 4 stall 2 feed unit - manure lagoon - 2 Harvestors 20x60 - 20x80 - 20x70 stave silo w/conveyors to feed trough 88 acres murrill soil - 4 bdr. stone dwelling

115 Acre Beef and Hog Farm, farrowing unit w/ nursery and manure pit, silos, 2 story brick and aluminum dwelling.

FOR RENT

Cumberland Co. Dairy Farm, 160 acre Hagerstown limestone soil, 2 yr lease $1650/month Contact George L Ebener or Charles Wenger

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FARM FOR SALE

ARBANDALE FARMS
133 ACRE DAIRY FARM
NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PA

-$475,000.00
-Excellent dairy facilities
-Large bank barn
-Double 12 milking stable 36'x48'
-1,500 gal. Surge tank
-2" glass line, 3" vacuum
-6 unit Surge milking system
-100' long bunk feeder
-3 poured concrete star silos
-100' hay feeding area
-89 free stalls
-13 ton metal feed bin
-Complete mixing unit
-2 car detached garage
-macadam driveway
-well maintained 2½ story white farmhouse with excellent interior
-Drive through corn barn
-18 calf stall nursery
-Lands in high state of cultivation
-Fish stocked pond
-Excellent setting off the road
-DIRECTIONS: Go 1½ miles North of Lebanon on Rt. 343. Farm on left
-106 acre adjoining farm for sale: $250,000.

FOR PRIVATE SHOWING CALL: Nelson L. Ebersole 717-867-4487 or Daniel Light 717-865-4541.

SUBURBAN REALTY
30 W. Main St., Annville, PA 17003
Phone 717-273-9358
717-867-5221 717-867-4487

For Sale Union Co., Pa. Beef & Hog Farm

containing 153 Acres (124 tillable in high state of fertility), completely remodeled 3 bedroom farm house. Large bank barn w/ feeder shed extension, 20x60 Harvestore high moisture corn unit w/Hercules unloader, 20x72 concrete silo w/ Jamesway unloader, 17 stall farrowing house, nursery and dry facilities. New Modern machine shed and shop plus other outbuildings. All in excellent condition. For Sale By Owners. Retiring from farming. Serious buyers may phone:

717-966-0057

#364 - 209 acres with 160 tillable with 36x120 ft. barn with 30x50 wing livestock capacity is 75 to 80 head. Pipeline milking system, 2 silos & 1 trench silo. Has large 5 bedroom farm house. **Price $207,000.**

#355 - 190 acres, 90 tillable. Dairy barn, 32x100 with 40x44 ft. new addition, 58 tie stalls, 2 cement silos, 100 ft. mow conveyor, nice 11 yr. old 4 bedroom 1¾ bath farm house. Bare farm 175 or stocked & equipped **$245,000.**

#357 - 310 acres, 220 tillable, this is a modern set up with livestock capacity of 144 head, 3 large silos with unloaders. Modern 4 bedroom farm house. **$325,000**

Call for more details on these farms.

Endless Mt. Real Estate

RD #1 Box 203-A
Covington, Pa. 16917
717-659-5684

Richard Chamberlain
717-549-4173
Bill Smith
717-549-5146
Jake Ensminger
717-659-5245
Don Chamberlain
717-549-4721
Vester Ensminger
717-549-6301

THIS WEEKS SPECIALS

1. **183 Acre** - mostly Hagerstown soils w/ large 3 bay bank barn & 2½ story stone & frame dwelling, 16x60 silo - 46x70 equipment shed, nice farm pond, all in beautiful tree lined lane. Only $365,000.
2. **Modern 86 cow** free stall & double 6 parlor w/flush system (no scraping). 162 acres w/large creek & 12 mo. capacity lagoon. Large bank barn & nice 2½ story brick dwelling. $365,000
3. **Hog or Broiler Farmers, Look At This!!** If you are looking for an intense farm community to build your operation. We will subdivide 60 acres from the total of 183 acres. Fairly level land with stream. This would include a 130' bank barn (4 drive-in bays & beef below) Tobacco shed - corn barn - equipment shed - silo and brick 2½ story dwelling. Nice setting on short lane off township road, $200,000.
4. **Near Thompsontown,** 100 acre farm with nice 36 tie stall dairy built '72, 1½ story dwelling in good condition and older bank barn. $175,000.

MAHLON OBERHOLTZER
Real Estate Agency
Smoketown, PA 717-392-1177

WANT TO PURCHASE

Farms in Lancaster Co.
717-393-0646
Ask For
Dave Skidmore

Call Salesmen:
James L. Marsh
717-529-2678
or
Marlin Kreider
717-627-8244

FARMS FOR SALE

PERRY COUNTY

45 Acre Dairy, large 5 BR dwelling w/ conveniences, wash house w/fireplace, bank barn w/58 tie stalls, 2 glass pipelines, Jamesway shuttle barn cleaner, 800 gal Girton bulk milk tank, 2 round corn cribs, 2 small grain bins, 10,000 bu grain bin w/inbin dryer and stirs Butler, gas or wood burner upright and inground silos, good growing soil, all tillable except 3 acre pasture

120 Acre general Farm, 2½ story 4 BR dwelling w/conveniences, 2 car garage, frame bank barn, machine shed & hog pen

These two Perry farms are within walking distance of each other Both are west of Loysville

NEW LISTING FRANKLIN CO.

114 Acre General (was a dairy), 2½ story stone & brick dwelling, eat-in kitchen, dining room, ½ bath, 6 bedrooms, full bath, summer cottage & garage, large bank barn, extra space for young stock, stream in meadow, near Mercersburg

NEW LISTING LANCASTER CO.

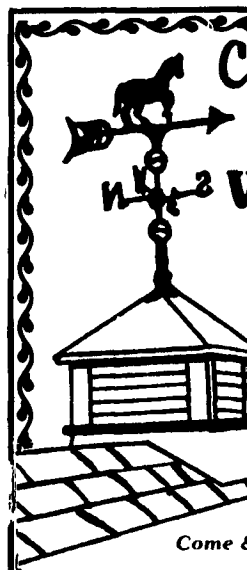
3 Acre Farmette, farm dwelling, 2½ story bank barn, (2) two story poultry houses, along Rt 897 between Reinholds & Schaefferstown near Blainsport

YORK CO.

105 Acre Dairy, 4 BR dwelling w/modern conveniences, remodeled 12x60, 2 bedroom mobile home, summer house, 98 acres tillable, 2 loafing sheds, heifer barn, 18x50 silo, trench silo, horse barn, implement shed, pipeline to milk 17 cows, stream in meadow, Jackson Twp

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street
Akron, PA 17501
717-859-1004
1-800-548-4726

Cupolas and Weather Vanes



MANNIE'S WOOD SHOP

58 Queen Rd
(¼ mile S of Intercourse)
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CUPOLAS
Manufactured & Custom Built For
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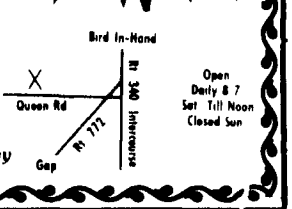
• Garages • Horse Barns
• Commercial Buildings • Etc

Ventilate and Decorate



Come & See Our inventory On Display

CHICKEN FARM

Zoned Industrial Commercial. 395x44 (50,000 layer house). 8 Years old with $10,000 new water system, 2 story, 5 year old house w/4 BRs, custom kitchen cabinets, full basement, 2-car garage. Plenty of storage. Situated on 4.4 acres. West Sadsbury Township. $335,000.

LAKE RAYSTOWN

Located only 30 miles from this is a 43A secluded, scenic, 2-story house in Cambria Co. Excellent property for the money and wild life in your back yard. Make this your little hideaway. $139,750

HOSTETTER Realty

717-442-4114
717-354-6416

SNYDER-UNION CO. AREA OPERATING DAIRY FARM

109 ACRES nearly all tillable, 52 stalls, pipeline, tank, hay & equipment storage, 20x60 and 16x45 concrete silos, wire cribs, 4 BR Colonial brick home, 2 baths, 2-car garage, priced $245,000

UPPER DAUPHIN CO. 92 acres, 4 BR house, refurbished, secluded setting, 30 acres tillable, good hunting & access to miles of snowmobile trails, 2½ miles from Rt. 209 Price reduction of $70,000, now $280,000

19 ACRE FARMETTE Short drive south of Lancaster, 2½ story 3 BR home w/bank barn, 3-car garage, pole cattle building completely finished for cattle or horses Very unique ideal gentleman's farm, priced at $215,900

KINGSWAY REALTY
1770 Oregon Pike
Lancaster, PA 17601
717-569-8701 717-733-3344

LOG CABINS

Start at $22 per sq. ft. Completely erected shell on your site. 2 BR, 1 bath, windows & doors included, pole foundation, ideal for vacation homes, mountains or beach.

215-445-7566

EMPIRE HOMES

LEBANON COUNTY DAIRY...

South of 422... 118 Acres, 110 acres tillable (limestone); 60x60 equipment shed, 25% concrete floor; large tobacco shed, good condition; 3-bay two mow bank barn, good condition; 180 free stall barn, holding and hospital area; double 6 parlor; 90 ft. Ressler bunk feeder; 70 ft. bunk feeder (filled by wagon); 20x60 Harvestore with Hercules unloader; 20x80 Harvestore with Goliath unloader; 20x70 stave with Patz unloader; 1 year manure lagoon with cement floor and ramp; 2,000 gallon bulk tank; 14x70-ft. three bedroom trailer; 5-bedroom frame dwelling, new siding; oil hot water heat; buildings and line in center of property.

This farm can also be bought without 12 acres and trailer home!

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2033 Penn Avenue, West Lawn
Reading, PA 19609
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BARN BUILDERS

- Design Your Own Floor Plan.
- Frames From $10.00 Sq. Foot
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J.L. Buchet, P.O. Box 265,
St. James, L.I. 11780 516-862-7013

SADSBURY TOWNSHIP- CHESTER CO.

43.5 acre farm w/stone/log home, modern dairy barn which could be converted for horses, stream running thru meadow, Asking $350,000

ANDREWS BRIDGE - FOX HUNTING COUNTRY

Come see this 1791 farmhouse, (stucco over stone) w/4BR's, stone barn w/5 box stalls, 20 acres tillable, 40 acres total, stream & woods Asking $495,000

PEACH BOTTOM - LANC. CO.

Future value 22 acre wooded homesite, has 1,000 Blue Spruce, 1,000 Douglas Fir, 100 Dogwood & other trees to start your tree farm $220,000

PARKESBURG - CHESTER CO.

75 acre dairy farm w/large bank barn, new garage/workshop and 4 BR house INDUSTRIALLY ZONED-PRIME FOR DEVELOPMENT. Asking $1,100,000.

ATGLEN - CHESTER CO.

Prime for development, public sewer possible, 32 5 acres zoned R-1 (20,000 sq. ft per lot), 5 min to Amtrak, quick access to Rt. 1, Rt 30. Asking $400,000.

E. NOTTINGHAM - CHESTER CO.

80 Acres with dairy barn, equipment sheds, double mushroom house, 4 BR stucco home, stream in meadow, Amish neighbors $480,000

W. NOTTINGHAM - CHESTER CO.

18 Acre Farmette along Octorara Creek, 3 barns plus large equipment shed, 5 BR Colonial house, fenced meadow - Great for horses! $295,000

QUARRYVILLE - LANC. CO.

Top producing multi-use 140 acre farm, 125 acres T., lg bank barn w/50 stanchions, concrete silo, pasture w/stream, machine shop, ut shed, corn cribs, bulk feed bin, etc., updated 2½ story 6 bd farm house. Asking $800,000

ROBERT COATES REALTOR
717-442-4134, 215-932-5484
After hours call Don, 215-857-5464,
Rose, 215-932-9626
Debbie 717-548-3847

FOR THE BUYER WITH A LIMITED BUDGET

#934 A very nice farm with a private setting; 8 room farm house, not fancy, but very liveable; 40x175' two story dairy barn, 70 stalls, barn cleaner, pipeline milking, bulk tank; 3 silos; 115 acres, gravelly loam soil; more land for rent. A real buy! $129,500.

#726 - 400 acres, three bedroom home, needs minor repairs, very liveable; two story dairy barn, 48 stalls, barn cleaner, pipeline milking, bulk tank; 3 silos; heifer barn and machinery storage; 110 acres of good alfalfa land; located on road with little traffic. A great investment and a good farm. Price $150,000.

#914 - 78 acres, 60 tillable, good corn and alfalfa land, more land for rent; good two story dairy barn, 43 tie stalls, barn cleaner, bulk tank, dumping station; concrete silo; new machinery building; very nice large country home; paved road; nice setting. A steal!!! $105,000.

#903 - 160 acres, more land to rent; very good 80 tie stall barn plus room for 40 head of young cattle, barn cleaner, pipeline milker, bulk tank; 2 big silos; large comfortable home in top condition; tenant house, can be rented; private setting with a beautiful view; buildings alone worth $150,000. Will sell with crops included for $150,000.

#887 - Two houses, one rented for $400 per month; two story dairy barn for 50 cows, pipeline milking, bulk tank, barn cleaner; 2 silos; machinery bldg.; 260 acres of land; located on paved road with little traffic. A great buy! $175,000. Stocked and equipped $275,000.

#740 - 210 acres, 110 acres very good cropland, frontage on small river, located on paved road; a great location for roadside business; good 10 room home; 32x90 two story barn. Good buy! Asking $136,000.

Please call for appointment
200 Farms Listed! Freestall, Conventional and Cash Crop Operations.

POSSON REALTY
Norwich, N.Y. 13815
607-334-9727
Dick Posson, Broker

NORTH CENTRAL PENNA

Restaurant In Town On US Rt. 6, a great business investment that does a super business and plenty of parking. Don't let this slip by. Just $84,000. #989.

In the mountains of North Central Pa, Bar/-Restaurant/Motel, new 40x60 addition w/ timberline log exterior in 1984, 8x30 walkin cooler, 8x10 walkin freezer, many restaurant & bar items too numerous to mention included, also a 9 unit motel. Exc. recreational area w/hunting, fishing, skiing, and new golf course now under construction $300,000 #985

Excellent farmette on 16.9 acres, mostly open, with 2 sty bank barn, partially remodeled house with 4 bdrms, 2 baths, new kitchen, all in good condition. Property can be bought with 11.9 acres for $64,000. Asking $72,000 #979

80 ac. operating dairy farm, 111 tie stalls, pipeline, 1000 gal. bulk tank, barn cleaner, 3 silos, heifer facilities, outbldgs, stocked pond, 6 bdrm house, LR, DR, kit, etc. Possible lease land available. Asking $145,000 #914

Combination restaurant & bar on main St, in a small town, all equipped, super clean, exc. local trade. A bargain at $118,000 #954

85 acre Dairy Farm near PA Grand Canyon, 36 tie stalls, 14x50 silo with unloader, bulk tank, barn cleaner, 2 story home, 6 miles from Wellsboro. Asking $130,000 #964

Older 2 sty house on hardtop road, 2½ miles from town, exceptional views, 4 bdrms on 3+ acres. $24,900 #950

2 sty house, 3 bdrms, LR, DR, kit, bath, utility rm, full bsmt, 2 car garage. Also addtl garage with apartment over it, for extra income. $49,500 #952

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

HERITAGE REALTY GROUP INC MLS
1525 Science St, State College, PA 16801
814-231-0101

"FARM PEOPLE SERVING THE FARM COMMUNITY'S REAL ESTATE NEEDS."

Contact: DON C. MYERS
Residence: (814) 422-8111
ROBERT A. CONNOLLY
Residence: (814) 383-4336

FARM & RURAL PROPERTY DIVISION

CENTRAL PENNSYLVANIA FARMS AND FARMETTES

BLAIR COUNTY

#131 FA - GENERAL FARM - TYRONE AREA - $277,500
* 245 Acres (171 tillable, 8 pasture, 66 woodland, 7 site) Very productive tillable land
* Sound 2½ story brick house, tenant house, 67'x122' steel 2-story bank barn, sound garage
* Small pond near house, some Juniata River frontage

CENTRE COUNTY

#2325 FL LARGE ACREAGE WOODED TRACT - MILESBURG AREA - $698,500
* 1225 Acres - all wooded, substantial public road frontage
* Ideal for use by a hunting club
* Easily accessable from Interstate 80 Has subdivision possibilities 486 Acres can be purchased for $500/acre

HUNTINGDON COUNTY

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45 6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#135 FA - LIVESTOCK & HOG FARM (Convertible to Dairy) - LAIRDSVILLE AREA - $297,500
* 270 Acres (165 tillable, 25 pasture, 85 woodland & site) tillable land is relatively level and productive, good growing season
* Sound, aluminum sided 2½ story home, large bank barn with 60'x120' -one-story attachment, 20'x60' Harvestore silo
* Substantial road frontage and stream frontage Approx 25 miles east of Williamsport Owner will subdivide and sell with reduced acreage

MIFFLIN COUNTY

#2383 FC - RECREATIONAL - CABIN - NEW LANCASTER VALLEY - $72,000
* 21 93 Acre tract, approx 5 acres tillable, balance wooded, joins state land
* Structures include a 24½ ' diameter cord wood cabin and a 24'x44' double wide home
* Near Reeds Gap State Park, public road access Double wide home with 1 62 acres available separately for $27,500

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS ABOVE. THEY MAY BE VIEWED ON VIDEO TAPE AT OUR STATE COLLEGE OFFICE (Many land parcels and cabins available - FREE LISTS)

FARMS FOR SALE

Maryland's Eastern Shore

Kent Co. 233 acres, 217 tillable $867,925

187 acres, 182 tillable, older farm house $395,000

186 acres, 108 tillable, two 5 acre ponds, excellent hunting $437,000

KENT CREEK REAL ESTATE

Galena, MD

301-648-5656

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the Nov. 26 or Dec. 31 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169
Kenn Davis	(814) 667-3636
Rachel Port	(814) 669-4194
Mel Rockey	(814) 466-6688

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

THE REAL ESTATERS OF MANSFIELD

RD 1 Box 55, Mansfield, PA 16933
(717) 662-2138
Evening - 2363

LR MLS

SHOW PLACE DAIRY FARM

With new 100 head tie stall dairy barn, drive through overhead storage, pipeline milking system, lagoon manure system, separate 100 head heifer & dry cow feeder barn, several silos, home being remodeled on approx. 170 +/- acres. Tioga co. near Wellsboro, $299,000. M-431.

WELSH SETTLEMENT FARM

Just 3 miles east of Wellsboro. Frontage on 2 paved roads. Originally 100 acres, seller retaining 10 acres of woods leaving approx. 28 acres of woods w/farm plus 55 tillable acres, with airstrip potential. Improved trailer site w/well, septic & elect. Former Dairy barn w/little value unless repaired. 14x65 silo, 36x70 metal shop/storage bldg. Was $79,900 REDUCED TO $72,000. For immediate fall sale. #M-328

OPERATING DAIRY FARM

Just listed in Bradford Co. near Troy, PA. Set up for 67 holsteins on pipeline. 800 gal. bulk tank with 6 milking units. 3 silos w/unloaders, huge shop/storage bldg. w/ drive thru doors. 4 bdrm home 80% remodeled. 200+ acres w/heifer barns. JUST $199,000. Will reduce price w/o heifer barns and 20 acres. #M-415.

DAIRY FARM- IMMEDIATE POSSESSION

Between Elmira & Corning, NY. Very close to Pennsylvania line. 1½ story partially remodeled farm house. Older double 6 milking parlor with free stall barn for 74+ mature cows. Heifer barn, 3 concrete silos, milking equip., 2 bulk tanks & silos unloading included. Approx. 70 acres. JUST $93,500. Additional 323 acres available w/ pond in three separate tracts. #M-408.

WHITETAIL TERRITORY 102 ac of woods & fields 4 BR mobile w/addition, camp or home, artesian well & septic $69,500 (M275)

EXCEPTIONAL VALUE ranch on double lot, 3 BR, att garage, cozy front porch $26,500 (M268)

CAMP/RETREAT fully furnished 24x24 1½ story on 2 acs with stream, elect privy, near Tioga/Hammond Lakes $18,000 (M265)

ERA-Homestead Realty
Rt 15 S., PO Box 276
Mansfield, Pa. 16933
717/662-3287

THE SUN SHINES in this 3 BR 1½ BA home LR & DR have vaulted ceiling, All appliances in kitchen, FR w/½ BA, garage, utility rm on lower level Covered patio. $59,500 (W404)

COUNTRY LIVING 2 sty just minutes from town 3 BR, 2 BA, new carpet throughout Nice $52,500 (W410)

LOOK OUT over the valley from this gently sloping 10 22 +/- ac lot Fantastic view, owner may finance. $12,000 (W406)

ERA Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

RANCH HOME w/COMMERCIAL BUILDING 3BR, FPL, 3 5 acs Buildings could be garage, showroom Excellent investment $28,900 (D574)

CAMP OR HOME SITE w/location for pond 68 acs w/stream, woods & open Good access & frontage $34,000 (D577)

SECLUDED HAVEN 12 5 surv. acs on paved road Wooded w/timber. Ideal for retreat or home Near lakes $13,800 (D579)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA **HOMESTEAD REALTY**

Mansfield 717-662-3287
Wellsboro 717-724-7161
Westfield 814-367-2222

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS
101 White Oak Dr., Lancaster, PA 17601

Important Announcement

Our professional staff now includes an experienced tax attorney. We provide the benefit of this broad knowledge of estate planning tax deferred or installment sales, inter-family transfers or cash sale of your property as a part of our comprehensive service to our clients. Call 569-4264 or 1-800-528-5832 ext. 264.

We Will Market Your Farm By Auction Or Brokerage. Call Sandy Leaman For The Best Way To Market Your Farm. Please Call On Our Toll Free Hotline 800-528-5832 Ext. 264

Lancaster Co.
256 acre modern parlor dairy operation with double 8 Bou-Matic parlor w/1250 gal bulk milk tank, 140 free stalls, lagoon for 6 mos holdings, 5 silos w/unloaders, stationary mixer and bunk feeders There are 3 complete sets of farm bldgs for a great family operation Never failing streams, mod ern homes and owner financing These farms have sandy loam soil in high state of cultivation Be sure to call Sandy Leaman for a personal tour by car or by air. You'll be able to discuss a tax deferred exchange or whatever you care to discuss Call (717) 569-4264 or 1-800-528 5832 ext 264

Montour Co.
23 acre farmette or retirement home with small 2-story barn, implement sheds and 5,000 bu grain bin with dryer One story ranch dwelling with 3 bedrooms in exc condition Call Pete Zeisloft at (717) 437-2305

Bedford Co.
170 acre dairy farm, 150A tillable and 20A pasture, highly productive Hagerstown limestone soil, 3 silos; 20x80 & 20x40 harvestores and a 16x40 concrete stave There is an 80 cow stanchion barn complete with 80 reg holstein cows & heifers 1200 gal mueller tank, surge pipeline and some owner financing Contact Edwin Steach at (814) 448-2260

Lycoming Co.
247 acre modern dairy operation with sales room for juging operation There are 133 free stalls, 62 tie stalls with pipeline milking system There is a large 100 head capacity, young stock barn, 3 silos 20x70, 20x60, 22x60 with roller mill and mixer, 40x100' machine shed and all other needed facilities Large modern farmhouse with 5 bedrooms and 1¼ baths Call Pete Zeisloft at 717-437-2305 or Sanford Leaman at 800-528-5832, ext 264

Columbia Co.- Dairyman Special
Excellent 40 Stanchion Dairy Farm with tile trough, barn cleaner, Sealstor 16x44 silo, bulk milk tank, lg 9 rm 2½ story dwelling with modern cherry kitchen, formal D R , den, lg living room w/ cherry wood floors This farm has 16 acres and is ideal for a farmer who wants to buy feed and be a successful dairyman Call Pete Zeisloft, 717-437-2305

Huntingdon Co.- Dairy Farm Family Special
Large free stall dairy farm presently milking 90 and averaging in excess of 21,000 lbs There is 270 Ac total, 100 Ac pasture and woodland Balance is very excellent alfalfa and corn farmland Two homes in excellent condition, rentable land as well to make this a fine family operation Call Sandy Leaman at 717-569-4264 or our toll free number - 800 528 5832, Ext 264

Call

Fred Clark- 717-523-7201- Tioga, Bradford, Lycoming, Snyder and Union Counties.
Milton Huber- 717-299-5136- Lancaster, York, Cumberland, Franklin and Perry Counties.
Sandy Leaman- 717-569-4264- Lancaster County and Any Other County.
Edwin L. Steach - 814-448-2260 - Huntingdon, Bedford, Cumberland and Franklin Counties.
Paul "Pete" Zeisloft- 717-437-2305- Columbia, Montour, Lycoming and Northumberland Counties.

Longacre Farm and Country Places

LYCOMING COUNTY

• 109 Acre Dairy Farm, 80 T., features beautiful 52 stall dairy barn, 2 box stalls, office, milk house w/600 gal. tank & pipeline, barncleaner, 16x60 silo, bank barn for heifers and dry cows, 36x48 machinery shed, wagon shed, 2½ story home w/large kitchen, 2 living rooms, 4BR, bath & laundry, also 14x70 mobile home w/2BR, 2 baths, kitchen, LR, DR. Spring stream in pasture and a great view, $225,000.

SCHUYLKILL COUNTY

• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

TIOGA COUNTY

• 186 Acre 100 T. Dairy Farm, balance pasture, 53 tie stall barn, box stalls, new pipeline, 30x50 horse barn w/ box and tie stalls, 30x30 heifer barn, 2 story 3/4 remodeled home w/3 BRs., 2 baths, lg. eat-in kitchen, DR, LR, office and laundry. Plenty of road frontage. $185,000.

• 158 acre Dairy Farm, 100 T., balance pasture, 39 tie stall barn, heifer shed, (2)- 20x70 conc. silos w/ VanDale unloaders, Patz barn cleaner, modern Surge pipeline, lg. beautiful home, 3 BRs, 1½ baths, stone fireplace in LR, lg. eat-in kit., rec room, office. 1½ miles hard road frontage. $225,000.

• 351 Acre dairy farm, 325 T., features large 2 story dairy barn, 230'x42' w/hay storage on 2nd floor, three 2 story homes all in good condition, 2 machinery sheds, 4 car garage, level land, $385,000.

• 98 Acre Dairy Farm, dairy bank barn w/Quonset laminated roof, plenty of storage space, 28 tie stalls & 4 large box stalls, 650 gal. bulk tank, sheds & garages Ranch house with 2 BR's, office, large LR, DR, kitchen, basement with garage, 2,000' road frontage, $150,000

BRADFORD COUNTY

• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 57 cow dairy barn & some box stalls, long fields, good soils, immediate occupancy $325,000.

• 370 Acre Dairy Farm with 70 stalls, pipeline milker, 1500 gal. bulk tank, calf & heifer area, 2 story home completely remodeled, kitchen, dining room, living room, 4 bedroom & bath, hardwood floors, small stream, $400,000.

• 500 Acre Dairy Farm, 450 T., features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor, two 1,000 gal. bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR, FR, office, den, laundry & bath. 2nd home 3 BRS & bath. Spring fed pond & much more. Call for details, $650,000. Cattle & machinery available.

• 150 Acre, 132 T. Hog Farm w/feeder barn for finishing 1,000 hogs per year. Auto. watering, spraying & feeding system, 2 silos, 18x50 with unloader & 16x50 Patz barn cleaner, grain tank & feed room, bank barn w/hay & machinery storage. Beautiful ranch house features 4 BR's, 2½ baths, LR, DR, natural wood kitchen & full basement 2nd house with large LR, DR, 3 BR's, bath, 1500' road frontage, $255,000

• 325 Acre Dairy farm w/300 T features 125 free stall barn with parlor, 3 silos, large machinery shed, computer feeding dry cow & heifer barn, 3 BR ranch house, $325,000

• 20 Acre, more or less, 200 head veal calf operation, lock, stock & barrel, except for marketing calves Very modern operation for any market. Sludge storage system, equipment with barn cleaner etc. A complete operation Beautiful, 4 BR, 2-story frame house, very large 1½ bath, LR, DR, den etc. $185,000.

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ARMSTRONG SUPER HI-POWER LUG RADIAL R-1

81%
GOODYEAR DYNA TORQUE RADIAL

*Tire Size Tested: 18.4-38, 8 Ply Rating

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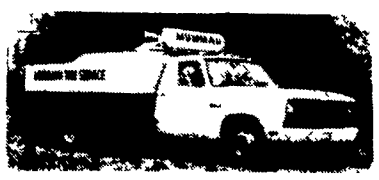

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• Sunbury • Allentown
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• Northern Maryland

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New! 5-Year Warranty

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18 4R34 ★	$447.00
16R38 ★	$463.00
18 4R38 ★	$515.00
20 8R34 ★	$675.00
20 8R38 ★	$696.00
20 8R38 ★★	$779.00
24 5R32, ★	$852.00
30 5R32, ★	$987.00
18 4R42, ★★	$613.00
20 8R42, ★★	$729.00

CALL FOR QUOTE ON TRUCK TIRES!

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Hi Power Lug

New! 5-Year Warranty

11 2x24, 4 Ply	$121.00
11 2x24, 6 Ply	$141.00
14 9x24, 4 Ply	$179.00
14 9x24, 6 Ply	$198.00
14 9x24, 8 Ply	$227 00
16 9x24, 6 Ply	$230 00
16 9x24, 8 Ply	$250 00
14 9x26, 6 Ply	$203 00
18 4x26, 6 Ply	$286 00
18 4x26 10 Ply	$354 00
23 1x26, 8 Ply	$572.00
11 2x28, 4 Ply	$141.00
12 4x28, 4 Ply	$161.00
13 6x28, 4 Ply	$172 00
13 6x28, 6 Ply	$186 00
13 6x28, 8 Ply	$219 00
14 9x28, 4 Ply	$182.00
14 9x28, 6 Ply	$203.00
14 9x28, 8 Ply	$235.00
14 9x28, 10 Ply	$307 00
16 9x28, 6 Ply	$249.00
16 9x28, 8 Ply	$276.00
16 9x28, 10 Ply	$322.00
16 9x30, 6 Ply	$270.00
18 4x28, 6 Ply	$333.00
18 4x30, 6 Ply	$302.00
23 1x30, 8 Ply	$645.00
24 5x32, 10 Ply	$810.00
16 9x34, 6 Ply	$296 00
18 4x34 6 Ply	$338 00
18 4x34, 8 Ply	$369 00
20 8x34, 6 Ply	$515 00
20 8x34, 8 Ply	$541.00
23 1x26 10 Ply	$645 00
23 1x34 8 Ply	$706 00
12x38 4 Ply	$169 00
12 4x38, 4 Ply	$192 00
13 6x38, 4 Ply	$203.00
13 6x38, 6 Ply	$225 00
14 9x38 6 Ply	$245 00
15 5x38, 6 Ply	$255.00
15 5x38, 8 Ply	$291 00
16 9x38, 6 Ply	$346 00
16 9x38 8 Ply	$359 00
18 4x38 6 Ply	$380 00
18 4x38 8 Ply	$409 00
20 8x38 8 Ply	$546.00

SERVICE AVAILABLE... CALL FOR QUOTE!

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Loader-Dozer

★ TUBELESS ★

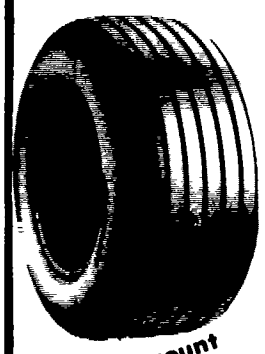
16 9x24, 8 Ply	$302.00
16 9x24, 10 Ply	$359.00
17 5Lx24, 6 Ply	$267.00
17 5x24, 8 Ply	$295.00
17 5Lx24, 10 Ply	$359.00
15 5x25, 12 Ply	$322.00
17 5Lx25, 12 Ply	$457.00
18 4x24, 8 Ply	$385.00
18 4x24, 12 Ply	$455.00
19 5Lx24, 10 Ply	$431.00
19 5Lx24, 12 Ply	$473.00
12Lx24, 12 Ply	$551.00
20 5x25, 12 Ply	$762.00
23 5x25, 12 Ply	$1,160.00
23 5x25, 16 Ply	$1,220.00

ARMSTRONG

★ TUBE TYPE ★

14 9x24, 6 Ply	$220.00
14 9x24, 8 Ply	$235.00
16 9x24, 6 Ply	$245.00
16 9x24, 8 Ply	$265.00
16 9x24, 10 Ply	$320.00
17 5Lx24, 8 Ply	$270.00
16 9x28, 8 Ply	$290.00
18 4x28, 10 Ply	$380 00
1300x24, 10 Ply	$250.00
1300x24, 12 Ply	$280 00
1400x24, 10 Ply	$285.00
1400x24, 12 Ply	$320.00

WAGON TIRES

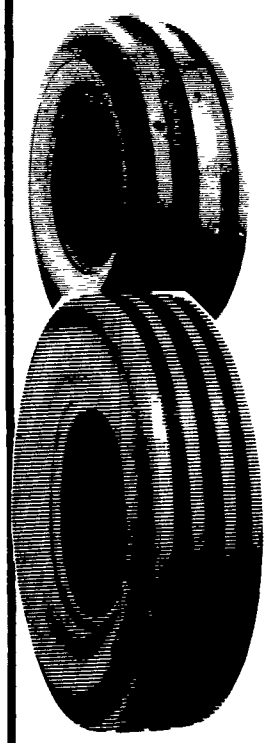


Special Discount $5.00 OFF These Prices

26 1200x12, 4 Ply	$53.00
8 51x14, 6 Ply.	$48.00
9 5Lx14, 6 Ply	$50.00
9 5Lx14, 8 Ply	$53.00
9 5Lx15, 6 Ply	$47.00
9 5Lx15, 8 Ply	$49.00
11Lx14, 6 Ply	$52.00
11Lx15, 6 Ply	$47.00
11Lx15, 8 Ply	$51.00
11Lx15, 10 Ply	$72 00
1000x15, 8 Ply	$63.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$64.00
11Lx16, 10 Ply Tubeless	$86.00
12 5Lx15, 10 Ply	$76.00
12 5Lx16, 14 Ply	$94.00
12 5Lx15, 12 Ply	$87.00
14Lx16 1, 12 Ply	$152.00
16 5Lx16 1, 10 Ply Tubeless	$180.00
25x7 50x15, 4 Ply Tubeless	$49.00
25x7 50x15, 6 Ply Tubeless	$55.00
27x9 50x15 4 Ply Tubeless	$58.00
27x9 50x15, 6 Ply Tubeless	$67.00
27x9 50x15 8 Ply Tubeless	$71.00
31x13 50x15 6 Ply Tubeless	$99.00
31x13 50x15 8 Ply Tubeless	$107.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

FRONT TRACTOR
Shipped UPS - No Charge!



★ 3-RIB ★

400-12	$24.00
400 15	$26.00
400 19, 4 Ply	$32.00
500-15	$32.00
550-16, 4 Ply	$35.00
550-16, 6 Ply	$38.00
600 14, 6 Ply	$5" 00
600-16, 4 Ply	$38.00
600 16, 6 Ply	$42.00
650-16, 6 Ply	$45.00
750L 15, 6 Ply	$50.00
750-16, 8 Ply	$58.00
750-16, 6 Ply	$54.00
750-18, 6 Ply	$65.00
750 20, 6 Ply	$81.00
9 5L-15, 6 Ply	$63.00
9 5L 15, 8 Ply	$69 00
10 00 16, 6 Ply	$84.00
11Lx15 8 Ply	$79.00
1100 16, 8 Ply	$120.00
14L-16.1, 8 Ply	$185 00

★ 4-RIB ★

11L-15, 8 Ply	$84.00
10 00 16, 6 Ply	$83.00
10 00-16 (TL), 6 Ply	$102.00
10 00 16 (TL), 8 Ply	$112.00
11 00 16, 6 Ply	$102 00
11 00-16, 8 Ply	$110.00
11 00 16 (TL), 8 Ply	$123.00
14L-16 1 (TL), 6 Ply	$200.00
14L 16 1, 8 Ply	$195.00
16 5L-16 1 (TL), 8 Ply	$295.00

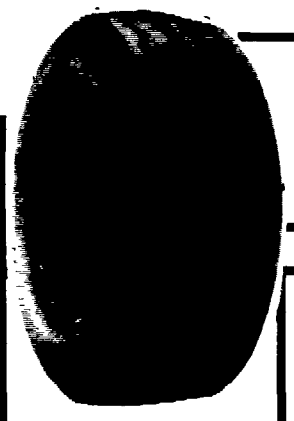
★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$155.00
1100x16, 12 Ply, Tubeless	$170.00

Small Rear Farm Tires

750x20, 4 Ply	$71.00
750x24, 4 Ply	$79.00
8.3x24, 4 Ply	$92.00
9 5x24, 4 Ply	$104.00
11 2x34, 4 Ply	$153.00
11 2x36, 4 Ply	$155.00
12 4x24, 4 Ply	$132.00
12 4x36, 4 Ply	$208.00
13 9x36, 6 Ply	$219.00

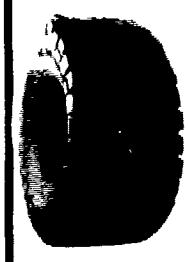
CONTRACTOR F-3



11Lx15, 8 Ply	$83.00
11Lx15, 10 Ply	$93.00
11Lx16, 8 Ply	$95.00
11Lx16, 10 Ply	$105.00
750 800x16, 10 Ply	$90.00
11Lx16, 12 Ply	$125.00
145 - 75 - 16 1, 10 Ply	$225.00

3 WHEELER TIRES

20x7.00-8	$35.00
21x7 00-8	$33.50
22x11.00-8	$38.01
22x8.00-10.	$40.75
22x11 00-10	$45.95
25x12-9	$54.71
18x950-8	$30.65



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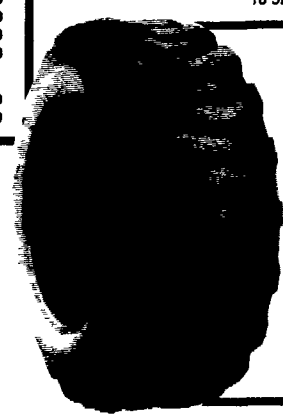
8 3x24	$108 00
9 5x24	$120.00
14 9x24, 6 Ply	$212.00
16 9x24, 6 Ply	$225.00
18 4x16 1, 6 Ply	$255.00
13 5x16 1, 8 Ply	$253.00
18 4x26, 6 Ply	$375.00
13 6x28, 6 Ply	$245.00
13 6x28, 4 Ply	$225.00
16 5Lx16 1, 6 Ply	$282.50



SKID LOADER TIRES

570x12, 4 Ply	$40.00
23 850x12, 4 Ply	$47.00
27 850x15, 4 Ply	$51.00
27 850x15, 6 Ply	$65.00
27 1050x15, 6 Ply	$70.00
700x15, 6 Ply.	$65.00
750x15, 6 Ply	$58.00
10-16 5, 6 Ply	$80.00
12-16 5, 8 Ply	$120.00
Steel Shield	
10-16.5, 6 Ply	$105.00

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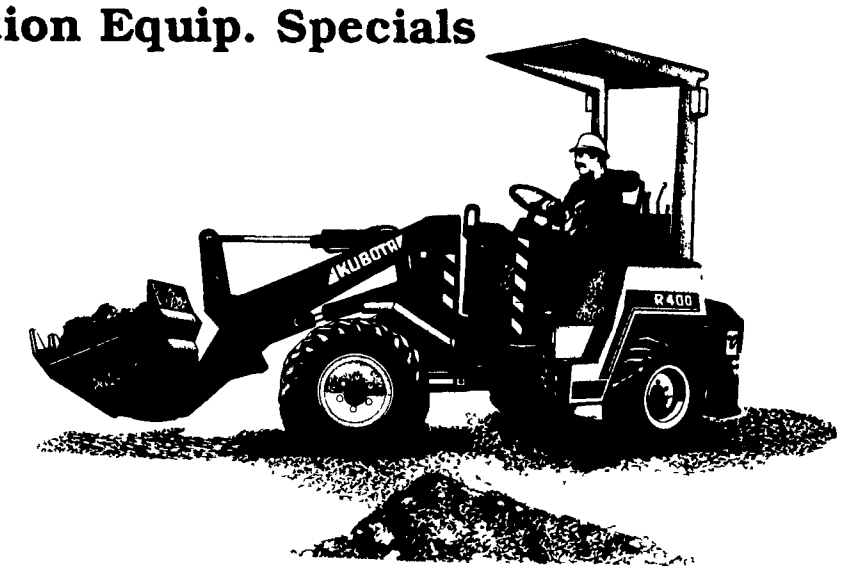
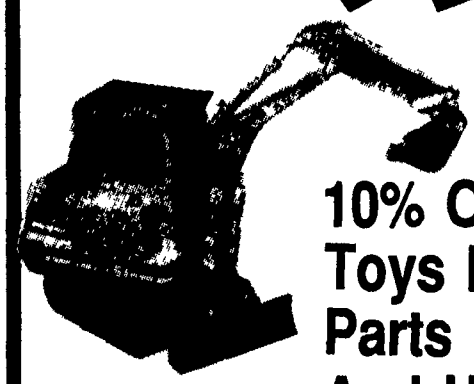
End-of-the-Year Kubota Construction Equip. Specials

New KH-170L Excavator
16' digging depth, 13,000 lb. unit
Extendable dipperstick incl.
$38,900 CASH



New R400 Wheel Loader
Articulating & Oscillating
38 HP, 6,000 lb. unit
$22,400 CASH

NOTICE:
We need good, clean used tractors (especially loader tractors) to re-stock our used tractor inventory. Please contact us immediately if you are even considering trading or selling your tractor. Thank You!



10% Off On All Toys In Our Parts Dept. Now And Until Christmas!

USED KUBOTA SPECIALS

- 19343 6 Ft. **Kubota Dozer Blade** (fits L295) **$490**
- 19559 **Kubota Excavator KH28L,** 1986, 48 HP **$15,000**
- 14199 **Kubota MR6000 Mower** Will Fit B6100, B7100 Tractors, Hydro Only **$590**
- 18950 **Kubota 3660** Flail Mower, 5' 3 Pt. Hitch **$750**
- 16222 **Used Kubota B2510 Snowblower** (38", will Fit B5100, B4200) **$425**
- 17201 **Kubota L245DT Tractor** Four Wheel Drive, Power Steering 25 HP **$5,500**
- 19357 **Used Kubota G5200H LGT** w/48" Mower, 3 Cyl. Diesel HST Trans **$4,275**
- 19354 **Kubota M4950DT Tractor,** 47 PTO HP/4WD/ 1360 Hrs. **$12,790**
- 17847 **Used Kubota B748 Snowblower** (48", will Fit B6100, B7100) **$250**
- 17840 **Used Kubota G2500 L&G Snowblower** 38", Will Fit G-Series **$625**
- 19134 **Used Kubota Tiller B420** **$895**
- 19047 **Kubota B6000E** 2WD Tractor **$2,995**
- 17759 **Kubota B6100HSE Tractor** Hours 634, With MR4800 Mower, S/N-10089, Super Cond., HST Trans. **$4,950**
- 18204 **Kubota G3008 Vac System L & G** Fits G Series Tractors With 48" Mower **$495**
- 19571 **Used Kubota B7200 HSE Tractor** With RC60-72H Mower, Nice Condition **$5,450**

PENNSYLVANIA'S LARGEST KUBOTA DEALER

Flock Forum

by
Clair Engle

Penn State Extension Sheep Specialist

Last month we discussed: major factors to consider in designing a sheep barn that will meet your needs and space allocation for ewes with single or multiple births. This month let's discuss some pointers on the types of sheep barn facilities and some features important to each type.

Open-front barn
With drylot

Select open-front barns with clear-span construction to permit rear-ranging space without major building changes. Slope the floor ¼ -inch per foot toward the open front and the outside concrete apron ½ - to 1-inch per foot away from the building. Adding two to four inches of crushed limestone to the floor area is recommended, however packed clay or shale make good floor materials.

Sheep are relatively intolerant of mud and need year-around, dry-surface access to shelter, feed, and water. Although dirt lots work well in areas with less than 30 inches of annual rainfall, they can be successful in Pennsylvania where there is a well drained slope (3-4 percent) containing heavy shale/ clay type soil, mounding, and a windbreak.

Consider clay mounds (3- to 4-foot elevation) in dirt lots with limited drainage and where mud is a problem. Build mounds parallel to the prevailing slope so runoff water is not trapped in the lot. Begin mounds at feedbanks and slope them away.

Adequate bunk space to feed a large ewe flock mechanically and all at one time is very expensive. An arrangement could be developed for feeding one pen at a time. This method uses the same equipment to feed several groups of ewes, however moving ewes requires more labor than fenceline bunks.

Anyone who has ever tried to feed a group of hungry ewes from inside the pen understands the frustration and labor loss involved in that method. The only way one can effectively feed sheep in this manner is to pen them up while putting feed in the troughs and then allow them access to the feed.

The major disadvantage to fenceline bunks is that it requires twice as much bunk space as a two-sided feeder. However, wood bunks can be built economically while saving labor and allowing for better management of the ewe flock. Remember to set the fence-line bunk out slightly from the barn for feed-wagon access. Leave space at the low end of the lot for drainage.

Many producers have built hay storage over the lambing area in open-front barns. This allows for easy access to feed, reduces drafts and insulates the lambing area. If lambing during severe winter weather, it is possible to close up the lambing area with either plastic or canvas. It is always critical to protect newborn lambs from drafts and dampness.

Solid-floor confinement

A confinement building offers several advantages over outside lot systems: feed in open lots gets wet or blows away; snow and ice collect in feedbunks; grain, hay and silage freeze; outside space for lot arrangements may be inconvenient and expensive; soil type, slopes, and climate or pollution from lot runoff may prohibit a satisfactory lot operation.

It is difficult to provide adequate bunk space for group feeding in confinement. Consider self-feeding or separate feed bunks from pens and feed in groups. Additional labor is required to open gates and move animals at each feeding. The maximum number of pens that can be managed depends on the time an operator has available to move animals. With each group at the bunk for about four hours, three to four groups can be fed in an eight- to 12-hour period with the last group remaining at the bunk overnight. Solid-floor confinement barns are better suited for finishing lambs.

Slotted-floor confinement

Slotted-floor confinement provides clean, dry floors with minimum cleaning labor. About twice the animals can be housed on slotted floors as on an equivalent-sized solid floor, so the added investment is spread over more animals. Drafts through the floor can be a problem, especially for small animals. Unflattened or rough ¾ -inch No. 9 expanded metal on 16-inch centers works well for sheep. Put older lambs or dry ewes on the floor first to wear off small burrs before putting ewes with full udders on new metal.

Hardwood slots ½ inch apart can be used, however they have irregular openings that could trap the feet of young lambs.

Conclusion

Whether you are remodeling existing buildings or building new, it is important to visit other similar facilities and be sure to talk with the individual working with the sheep. Also, find out what changes the owner would make if rebuilding. Design facilities to allow for expansion and improve production efficiency.

Crop Insurance Important In Disaster Recovery

BERKS COUNTY — The key role of farmer management of risk in disaster years was emphasized by data released by Donald E. Lutz, chairman of Berks Co. ASC Committee.

For many farmers, crop insurance purchased by the farmer has proven to result in substantially higher incomes than for those who did not provide for crop failure as part of their planning.

Crop insurance is computed separately and in addition to disaster payments made under recent legislation.

Lutz gave the following example for a typical corn grower with a 115 bushel per acre farm yield and a 100 per bushel program yield in a county with a 115 bushel per acre average yield with a loan rate of $1.77.

Using a $2.50 market rate and production at 50 percent, market income would result in $125 plus $36.90 in advance deficiency payment. On top of this would come a disaster program payment of $28.57 for a total of $190.47 per acre. Beyond this, crop insurance farmers could receive another $13.62 to $66.95 per acre in indemnity payments.

The extent of the impact of the program is shown for farmers with a total loss.

Those in the program with the 75 percent indemnity option would collect $150 more per acre than those without insurance.

Using these figures and example is only for illustration said Lutz, who urged each farmer to carefully assess the specific situation in making decisions for next crop year. Lutz also urged farmers to come into the County ASCS office to go over specific figures and get all the assistance possible from the office staff.

In Pennsylvania, crop rates will range from $2-4, $5-7, and $12-14 for the 50 percent, 65 percent, and 75 percent option for the coming year.

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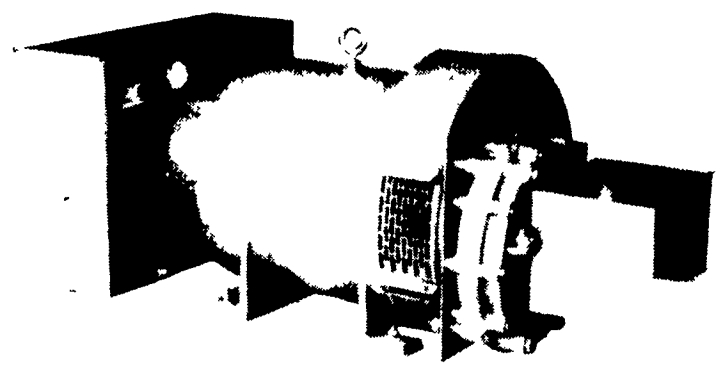

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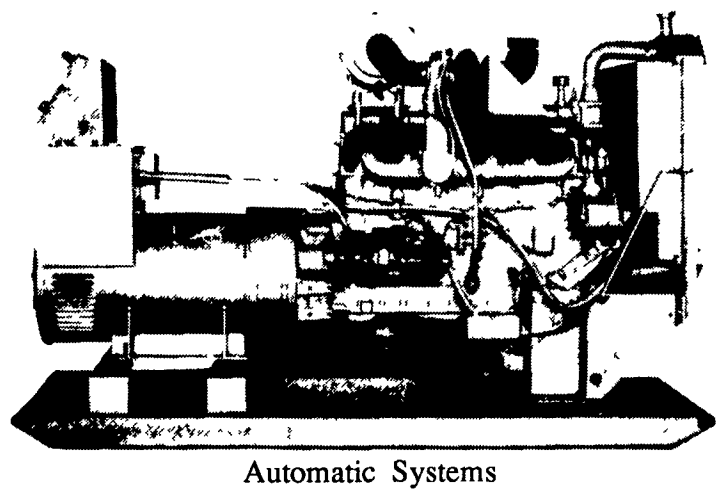

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Foraging Around

By Dr. John E. Baylor
Director of Market Development
Beachley-Hardy Seed Company

A time for learning

This is the time of year when we reflect back on the year just completed and plan for the year just ahead. It's a time to learn from the experiences of the past year and to promise ourselves we will take advantage of those experiences and of every other opportunity in 1989 to continue these learning experiences.

First let's take a quick look back to the summer of '88. All will agree, I'm sure, that for most areas of the East it was a challenging year. Drought combined with very high temperatures in June and July created moisture and temperature stress seldom known in our area. And while winter wheat yields were generally good, our corn crop in many areas was a near disaster. Summer pastures were for the most part non-productive, while soybeans, although late to mature, fared better than expected.

But once again, alfalfa proved to be the amazing plant. Many seeding made last spring were caught in the worst of the heat and drought. A few stands were lost; but in general, when the rains came, so did the seedings.

For me the phone kept ringing with questions on how to manage those new stands that were six inches tall and in full bloom in mid July. Those who clipped their fields were astonished at the regrowth when the rains came.

For established stands, first harvest yields of well-fertilized, well-managed, improved varieties were excellent. Second cuttings were generally short. But both yield and quality of third and fourth cuts were good. We saw six, seven, and even eight or more tons of hay yield in fields of alfalfa grown adjacent to corn fields producing fewer than 50 bushels per acre.

So once again, we learned that alfalfa truly is an amazing crop. And for the dairyman or other livestock farmer, it certainly is the most profitable perennial forage legume he can grow.

Looking ahead

Looking ahead to 1989, there will be other excellent opportunities for our producers to learn even more about this amazing crop.

For example, next March, Hershey, Pa., will be the site of our 19th National Alfalfa Symposium. Hosted by the National Certified Alfalfa Seed Council along with Penn State and Cornell University, the conference's theme is "Managing Alfalfa For Profit". Geared to the needs of the grower, the meeting will feature top speakers who will cover various aspects of production, management, marketing, and feeding alfalfa. In addition, we'll also include new ideas in making and utilizing hay crop silage.

Next July, again in Hershey, the Pennsylvania Forage & Grassland Council will host a forage harvestor's field day featuring a wide range of events involving production, management, and utilization of alfalfa and other forages for all types of livestock. Co-hosting the meeting will be Milton Hershey School Farms, Penn State, and a number of Pennsylvania's livestock organizations.

These are, of course, only two of many opportunities you'll have to keep abreast of new ideas for profitable forage production and utilization. But they are two events you should put on your calendar now and plan to attend.

Season's greetings

This is also the time of year we give thanks for our many blessings. It's also my opportunity to wish each and every one the best of the holiday season. And may 1989 prove to be a productive and profitable year for everyone.

I look forward to sharing more ideas with you during the coming year.

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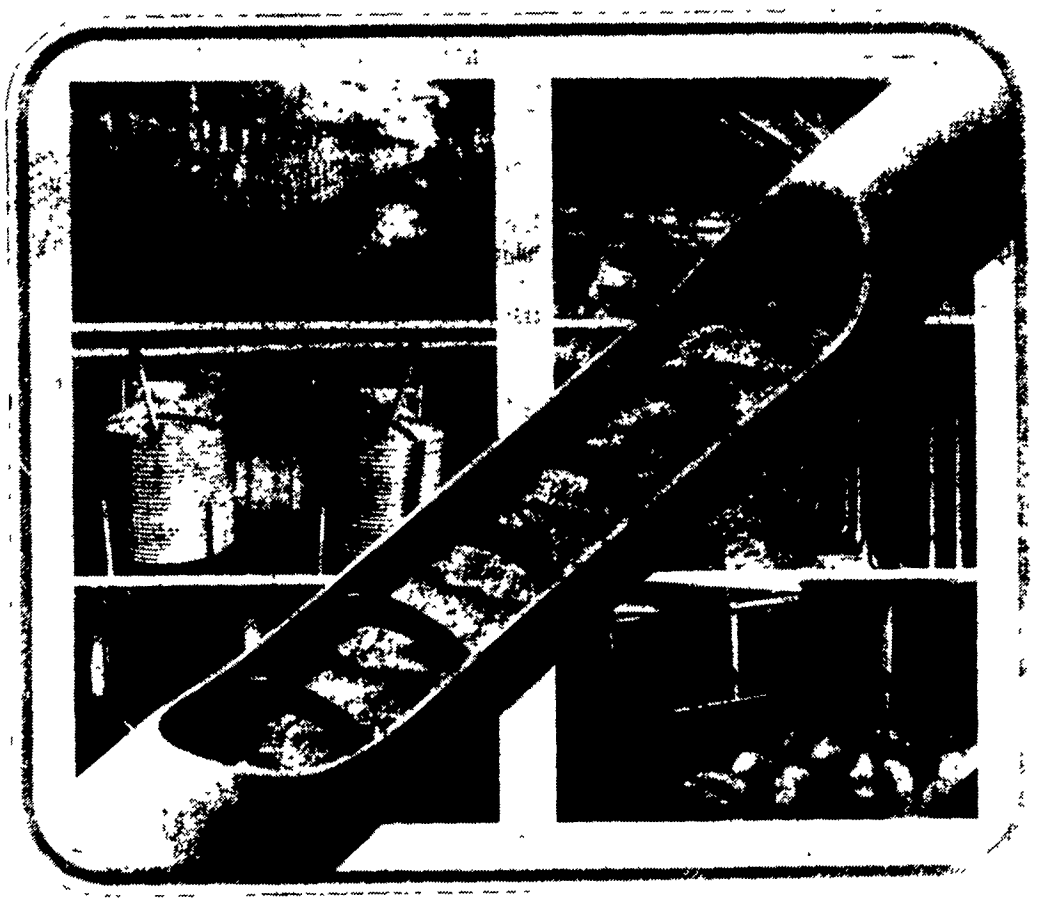

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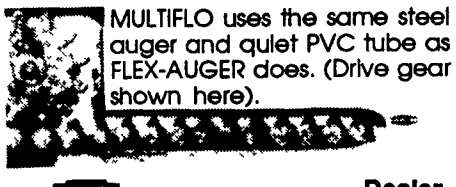

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Advances In Biotechnology To Be Explored At Symposium

BALTIMORE, Md. — "New Technologies in Weed Science" is the topic of a January symposium to be hosted during the 43rd annual meeting of the Northeastern Weed Science Society (NEWSS). The symposium will be held Thursday, January 5, 1989, at the Stouffer Harbor Place Hotel in Baltimore.

The program features a distinguished panel from science and industry. Featured panelists are: Dr. Gary Strobel, Montana State University, topic: "Culture and Isolation of Mycoherbicides," Dr. George E. Templeton, University of Arkansas, topic: "Chronology of Pathogen Isolation and Potential for Weed Control," Dr. Rod M. Heisey, Fordham University, "Production of Mycoherbicides and Potential for Use in Weed Control," Dr. Keith E. Newhouse, American Cyanamid Company, "Genetic Manipulation for Herbicide Tolerance in Crops."

Serving as moderator for the symposium will be Dr. Joseph M. DiTomaso of Cornell University.

Strobel is professor of plant pathology at Montana State University. He received his bachelor of science degree in Botany from Colorado State University and Ph.D. from the University of California. During his professional career he has been awarded many honors including the (MSU) Wiley Award for distinguished research accomplishments and the Sigma XI Award (MSU) for research. Strobel also holds the R.G. Gray endowed chair (1980-1990). He has lectured in more than 150 colleges, universities, institutes, foundations and companies and is senior author of over 55 papers and publications.

Templeton is professor of plant pathology at the University of Arkansas. A native of Arkansas, Templeton received his bachelor of science and master of science degrees from the University of Arkansas, and his doctorate in plant pathology from the University of Wisconsin. Templeton has been active in the area of biological control of weeds through plant pathogens and is considered one of the pioneers and leaders for the use of indigenous fungal pathogens as mycoherbicides to control weeds in annual crops. He was instrumental in establishing the American Phytopathological Society's Committee on Biological Control and served as its first chairman.

Heisey is assistant professor in the Department of Biological Sciences at Fordham University, the Bronx, New York. He received his undergraduate degree from Millersville State College in Pennsylvania. He earned a master of science degree in botany from the University of Connecticut and a second master of science and a doctorate in Ecology from the University of California at Davis. Among his many areas of expertise are the use of mycoherbicides to produce natural-product pesticides and plant growth regulators, and the allelochemistry of plants and microorganisms. Heisey is senior author of many publications related to these areas of interest including some popular trade magazines.

Newhouse conducts research in the Princeton, New Jersey, plant biotechnology group of the American Cyanamid company. He received all his formal training at Iowa State University where he received a doctorate in plant breeding and cytogenetics. His publications include studies on soybean cytogenetics, genotype by tillage interactions in corn, and more recently, characterization of herbicide resistant corn mutants. Newhouse will be discussing his most recent research in the development of imidazolinone resistant corn hybrids.

DiTomaso is assistant professor of weed physiology in the Department of Agronomy at Cornell University. He received a bachelor's degree in wildlife biology and a doctorate in weed physiology from the University of California at Davis, and a master's degree in plant taxonomy from Humboldt State University. .The emphasis of DiTomaso's research is understanding fundamental aspects of herbicide activity in plants and application of this information to the development of more effective weed control programs. The focus of his work involves the effect of herbicides on cell division, plant metabolic processes and herbicide-induced polyamine interaction. Other areas of interest include herbicide tolerance in plant allelopathy, plants poisonous to livestock and humans and weed systematics.

Registration at the door is $30.

The Northeastern Weed Science Society officers for 1988 are from left, standing: Steve Crane, sustaining membership; Wayne Wright, WSSA representative; Tom Vrabel, research coordinator; Max McCormack, past president; Gary Schappinger, sustaining membership apprentice; Jack Dobson, vice president.

Seated: Brad Majek, secretary-treasurer; Stan Gorski, president elect; Betty Marose, editor; Roy Johnson, president; Garry Hamlin, public relations; Kathleen Herbst, graduate student representative; and Bob Sweet, cast representative.

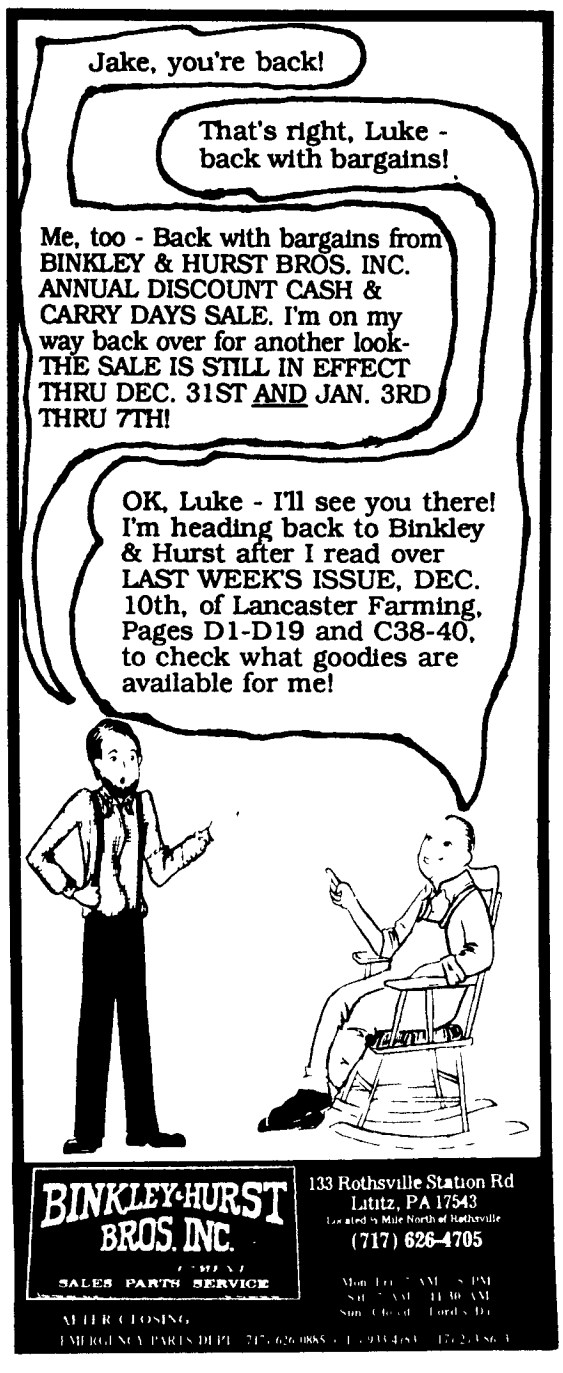
Lancaster Area Couple Attend Growers Fertilizer Solutions Meeting

MILAN, OH — Mr. and Mrs. Melvin Martin of Lititz attended the annual sales meeting of Growers Fertilizer Solutions earlier this month. Nearly 120 people from Missouri to Maine, North Carolina to Minnesota, including Ontario and Prince Edward Island, Canada attended the two-day event.

Mr. and Mrs. Melvin Martin, in attending this sales meeting, updated their knowledge of growers products and heard first hand from other representatives about their customers' profitable experiences and results in a variety of farm operations.

Growers Fertilizer Solutions were developed by Dr. V.A. Tiedjens, former director of the Virginia Truck Experimental Station at Norfolk. Tiedjens performed 30 years of fundamental research, much of which was in hydroponics, before perfecting his formulation currently in use. Hydroponics is a method of growing plants without soil, enabling Tiedjens to determine the nutrients necessary for crop growth. He also used farm fields with known histories for plot work rather than research station farms which tend to have plots on top of plots.

Growers Fertilizer Solutions, now with 33 years of commercial on-the-farm use, is credited with the development of foliage fertilization and direct to the seed application in field crops. Growers customers have shown outstanding results and top quality crops, such as 58 to 60 pound test weight corn along with high protein levels of 9 to 13 percent. Growers alfalfa hay has been reported reaching 23 to 26 percent protein. When the high quality crops are fed to animals, the animals are healthier and are produced at less cost.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OK, Luke - I'll see you there! I'm heading back to Binkley & Hurst after I read over LAST WEEK'S ISSUE, DEC. 10th, of Lancaster Farming, Pages D1-D19 and C38-40, to check what goodies are available for me!
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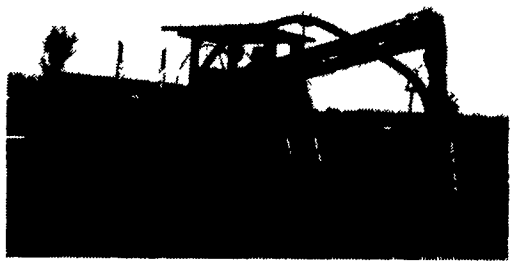

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PFA Isurance Service Honors Top Agents

CAMP HILL, Cumberland — The Insurance Service of the Pennsylvania Farmers' Association (PFA) has honored its top agents for 1988.

Vicki Gittlen of Hummelstown was named Regional Sales Director of the Year for the second consecutive year. She supervises ten PFA Insurance Service agents serving over 9,600 members in 14 southeastern and southcentral Pennsylvania counties.

Kathy Marinkov of Lebanon was named Agent of the Year -- also for the second consecutive year. As top agent of 34 in the state, she wrote $172,000 worth of new premiums in meeting members property and casualty, and life and health insurance needs.

Melba King of Lincoln University was named Rookie Agent of the Year. She has been providing outstanding service to members in Chester and Delaware counties since Feb., 1987.

In presenting the awards, William Deeds, manager of PFA's Insurance Service, said, "The award winners exemplify the highest level of achievement in the ongoing commitment of our agents to provide knowledgeable, professional on-farm service to meet the unique needs of our members."

PFA is a voluntary, statewide farm organization providing information, business services and a voice in public affairs to over 23,600 families.

Melba King

Vicki Gittlen

Kathy Marinkuv

New Jersey Farm Bureau Elects New President

TRENTON, NJ — Steve George, 49, a greenhouse grower and retail nursery operator from Brookside, N.J., was elected to a two-year term as president of the New Jersey Farm Bureau at its annual convention in Cherry Hill Nov. 15.

Describing himself as a "first-generation farmer" who thrives on hard work, George's name was presented to convention delegates by a nominating committee formed after Walt Ellis, Jr. announced he would be stepping down after more than six years.

George was first elected to the NJFB Board of Directors in 1984. He is the past president of the Morris County Board of Agriculture and has a long record of active involvement in the agricultural community on both the local and state levels. In 1974, after reviewing the Cahill Administration's Blueprint Plan to Save Agriculture, George spearheaded the first public survey to see if New Jerseyans favored a program to save farmland.

George and his wife, Susan, operate their 32-acre family business, Old Brookside Greenhouses and Nurseries. They have two sons, Joseph, 21, and Paul 18.

George succeeds Ellis, a sweet corn grower from Crosswicks, Mercer County, who stepped down to return to full time to farming with his family.

Ellis guided the NJFB through an era of increasing regulatory oversight in matters involving farmland preservation, taxation, water restrictions, pesticide usage and farmers' rights.

Front burner issues confronting George include:

-- The controversial State Plan for restricting and controlling development.

-- A need for review of research and Ag Extension services provided to farmers.

-- Rebounding from economic troubles related to the summer's drought.

-- A looming proposal by the Delaware River Basin Commission to regulate water usage.

-- Relief from regulatory pressures.

-- Land use issues.

-- Crop damage caused by an over-abundance of wild deer.

George, giving delegates the "thumbs up" sign, said even though there are urgent issues confronting New Jersey farmers, he is optimistic about the future of agriculture in the Garden State.

He said he plans to draw on the collective wisdom of the older generation of farmers and the enthusiasm of young farm families to forge ahead in critical areas.

"I want to make sure there is harmony within all the groups of New Jersey agriculture because we're all looking at the same goal. I think the future of agriculture can be great, if it is not smothered with regulation. I see biotechnology during exciting things for agriculture. We have much to look forward to."

George takes over the leadership of this 5,000-member grassroots organization of New Jersey farm families with clear directions on a wide-range of policies adopted at the two-day convention.

"The State Plan is the second worst thing I've ever seen. The first was the Pinelands Plan, and I don't want to see that happen to the rest of the landowners and farmers in this state. Control of wild deer and the damage they cause is a paramount concern," George said.

George's immediate agenda includes scheduling meetings across the state with various commodity groups and agriculture-related organizations.

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Crawler loader CAT 977L, 14X series, $24,000 (301)8933-9091

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Crawler loader backhoe, CAT, 931B, $14,500 (301)833-9091

Crawler loader backhoe, CAT, 931, $11,000 (301)833-9091

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Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164

Feed/Grain Cart, 6-8T capacity, 6" PTO driven auger, 13' overhead auger positioned hydraulically, needs vertical auger, $4,000 Call 717-637-7226

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FORKLIFT Clark 4000 lb propane, good condition $3500. 717-692-4704.

FOR SALE: 2300 gal. Better Bilt honey wagon, 1 yr old. Must Sell. 804-442-2024.

FOR SALE: JD Cyclone A, very good condition $850. No Sunday calls. 215-445-6851.

FOR SALE: JD #45 round back combine running condition with good engine $500. 215-489-7681.

FOR SALE: JD Model 3300 gas combine w/3R corn head, good condition. $6,000. 703-777-1275.

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Ford 3000, 8-speed, live PTO WFE, 2900 original hours; Ford, 2-bottom, 3PT plow, Pittsburgh, 8', 3PT disc; Ford, 3PT, 7' sickle bar package or separately Bucks County (215)598-7563.

Ford 420 loader tractor, low hours, ROPS, 3pt, PTO, nice condition, $5,500. (301)833-9091.

For most any combine, chopper or corn & grain heads Call Larry Stalter, "The Chopper-Combine Man" 1-800-248-2151

For Sale 1855 Oliver, 4020 JD with power shift, Lancaster Co 717-733-6319

For Sale 12' manure pit pump, manufactured by Henry Blank, $800 LancasterCo , (215)484-2233

For Sale 656 Farmall dsl in excellent working condition, also bale wagon with cattle racks on 8 ton chassis 717-653-5663

For Sale Gehl 120 grinder mixer mill, good condition, $2,400 215-932-8545

For Sale IH 240 tractor w/6' angle blade, 850 original hours, $3,000 Yale towmotor, 4000lb, PS, air, tires, $5,000 New 16hp White Field Boss, 4WD diesel tractor and mower, $5,500 Berks Co , 215-682-9859

For Sale IH 1466 TA cab, $6,800, Better Bilt 1100 vacuum spreader, $1,500, 1310 Long, new engine and cab, 1495 haybine 717-733-0575

For Sale JD 420, JD 2020, Hobbs hard hose sprinkler, Brush Hog offset Brillion 609-561-2332

For Sale: Potato grader. Best Offer. Dauphin Co. 717-896-8033

For Sale: Riteway, model 37, coal and wood stove, new condition. 717-426-3135.

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HALE PUMP. Hale organic grinder, electric priming system, 300 psi capacity, 1,000 RPM Used once, $10,000. Call 201-859-2616.

Heavy duty winch for truck $300. 301-596-9700 or 301-531-6386.

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IH 544 w/WF & 3PT $3900; Farmall Cub w/snow blade & chains $1500; IH 1PR picker $675; IH 990 haybine, 7' $1450; NH 456 trailer mower, like new $1500. 215-562-4464.

IH 56 chuck wagon; IH 56 silage blower w/new band, NH #8 chuck wagon; Harvestore Goliath unloader, Harvester roller mill; Clay barn cleaner, 200' chain; DeLaval pipeline for 45 cows; 78 DeLaval vacuum pump w/5 h.p. motor, 6 yrs. old; (5) Westfalia Visctron milkers w/Bio claws, 2 yrs. old; Wic bedding chopper w/7 h.p. motor; Myers chuck wagon for parts; Auger bunk feeder, 50' w/5 h.p. motor. 215-588-1395

IHC TD 340 Drott loader, dismantling for parts, good undercarriage, 4 in 1 bucket & ripper. Balanda Equipment Co., Palm, Pa. 215-679-3900

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JD 18' 3 section cultipacker $850. 301-898-7426.

JD 2020, Good condition, $3,500 (301)833-9091.

JD 2240 w/145 loader; JD 3010 gas; Case 830 Comfortking; hauling available. 301-582-1927.

JD 2510, gas WFE,, $4,000 (301)833-9091.

JD 2750 MFWD, good condition, $15,500. 215-267-2128 Evenings.

JD 2800 5-btm. plow, on the go variable width, $5,600. Snyder Co., 717-837-0724.

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JD 2940, sound guard cap, 2400hrs, in good condition. (717)354-0484.

JD 3010, gas tricycle, good rubber, $2,500. (301)833-9091.

JD 3020, WFE, diesel, PS, $5,200. (301)833-9091.

NH 38 flail chopper, all new insides $2,000. 301-898-7426.

NH 68 Flail Baler for corn stalks, $750. 301-898-7426.

M&W Dynamometer model #P400A, will test 540 & 1000 PTO, up to 230 h.p, $2,500. 717-333-4256

New 585 MF hay rake, 5-bar rubber teeth, $2,200. No Sunday calls. 301-824-7240.

New Holland self-propelled bale wagons, 1069, 1150 hrs., excellent, $27,900. 1069 good, $22,900. S1049 like new, $15,900. S1049, good, $12,500, above 160 bale wagons. Pull types, 1037, $6,500. 1033, like new, cab controls, $6,200. 1033, $5,000. 1034, good, $5,800 Above 105 bale wagons. 1002, 56 bales, $2,200., 1010, 56 bales, $1,600. Winter delivery, local references available. Roeder Imp, Seneca, KS 913-336-2800

Melroe, Bobcat skid steer loaders. 1981 530 $8,750; 1978 610 w/Davis backhoe $10,500; 1979 825 $14,500. Clark Lift Services, 215-868-1481 ask for Mike

MF 1135, 8 spd., weights, fenders, good rubber, $5,800. 301-833-9091

MF 202 parts tractor, complete w/202 loader frame, $900. OBO.; Massey Harris pony tractor, good condition, $1,500. OBO.; 8N manure loader frame, $150.; Cordwood saw mounted on towable frame w/roll table, electric start 4 cylinder Wisconsin, 30" carbide blade, $1,200. OBO.; 8' York rake, 3 pt. hitch, $400.; 4 cylinder Fairbanks Moorse engine w/trans., $350.; 6 cylinder Buda complete, $300. 201-439-2370

MF 285 diesel, wet brakes, multi power, dual hyd., radials, 18.4x34 tires; NH 355 Grinder Mixer w/ double fold auger, flotation tires, original hammers, extra clean; NI 354 galv. spreader, tandem axle, top beater, litter pan, hyd. drive; Mustang 1700 skid loader, Ford engine, torq. converter, big tires & bucket 717-949-3074 or 703-879-9926, from early morning til 8 p.m.

MF '79, 750 hydro combine, 15' flex head, 4R corn head, 1500 hrs., one owner, very nice $13,500. 301-898-7426.

Mubea iron worker, model KBL½, good condition, $6,500. 717-768-3197

Sauder snowplow and chains for 40HP tractor, $600, like new. 215-779-3560.

Stone picker w/8' hyd. bin, good working condition, $1100. 717-386-3554.

TR70 NH 1978 4WD combine, 20' grain table w/ electric header control. 419-337-0406

Tractor, AC D14 w/loader, $2,600. Good condition. Also new 16' trailer, 10,000 gvwr, $1,350. 717-784-1779

WANTED: All weather cab for IH 574/2500A. FOR SALE: Sauder loader. 717-755-3659.

WANTED: Ford Selecto Speed or gear transmission or will consider whole tractor. Harold Smith, Box 83, Jeffersonville, NY 12748. 914-482-4330.

WANTED: NH 301 or 303 liquid manure spreader w/ bad tank. 717-548-2877.

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

Wheel loader Michigan 125, straight frame with bucket and forks, $5,800 (301)833-9091.

Woods 15' foldup Batwing mower, solid tires, $3,000/offer. 301-898-7426.

Woods corn picker & AC combine, both shed kept, both for $225 717-534-1253.

NH 316 baler like new, belt thrower, $7,000. 717-786-2626.

NH 354 Grinder Mixer w/17' extendable auger, good condition, $3,000. 50 CFM Surge milker vacuum pump. 717-359-4383.

JD stack & bale carrier, on rubber & hydraulics, like new, $895. 717-273-6018

Tractor Massey Harris 44, WF, live hydraulic, A-1 condition, $1,200.; Also new 16' trailer, tandem axle, brakes & ramps, $1,350. 717-784-1779

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Two 5' Brillion cultipackers, very good condition. 717-653-5359.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

USED TRACTORS: AC 190 Dsl./loader $3,500; MF 165 gas $4,250; JD 1020 gas $4,250; Oliver 550 gas, new engine $3,600; AC 5030 dsl. $4,500. Ringo Hill Farms, Rt. 212, Pleasant Valley, Quakertown, PA. 215-346-7340.

VEGETABLE WASHER LOBEE 36" washer-absorber. 717-532-9108

NI 200 PTO manure spreader, 90 bushel, very nice. $900. 301-898-7426.

NI 279 cut conditioner, 9', very nice, $2,300. 301-898-7426.

North West drag line, 80D, 75' boom, 2½ yard bucket, $20,000. 302-378-8133 Evenings.

Oliver 1800 gas, wide front, rod out of block, $1500. 717-866-7066.

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AC HD-3 crawler loader, IHC TD-340 Drott loader, JD 1010C loader w/good undercarriage, JD 440 loader w/gas engine & good undercarriage, Cat 977H-53A, Hough 120C w/ Cummins power. And more, inventory changes weekly.
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Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
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7 a.m. to 5 p.m.

OFFICE HOURS:
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The following categories are available for your classified advertising. In Section C. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

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PLEASE WRITE CLEARLY

MAIL TO:
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P.O. Box 609, Ephrata, PA 17522

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

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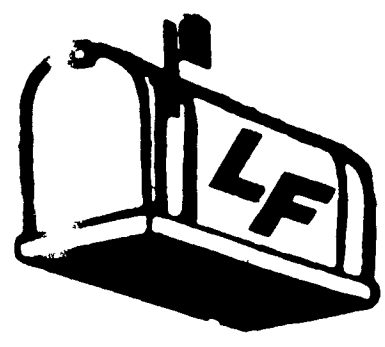

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This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

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29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 words minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

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(Phone Numbers Count As One Word)

Kubota 6200D tractor, 15HP, 4WD w/Bush Hog tiller $5,000. 717-225-1979.

Joy 150 air compressor with JD diesel, $2,900. No Sunday calls. 301-824-7240.

New & Used Vermeer Round Balers and Hay Equipment. Parts and service. 412-423-4076.

New & Used Parts for Oliver, New Holland & Minneapolis Moline 717-333-4256

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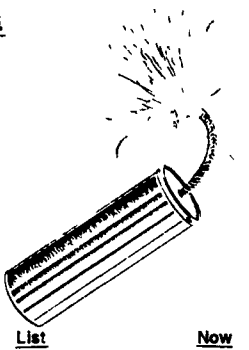

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Sale In Effect Now Through Dec. 30, 1988

	List	Now
Hesston 1120 9 ft. 3" Windrower Stub on Stub - Loaded	$10,065	Dynamo $ 7,890
Hesston 530 Round Baler 39x54 - Crowder Wheels	$ 7,868	Dynamo $ 6,275
Hesston 4570 Beeline Baler w/Flotation Tires & Thrower	$13,139	Dynamo $ 9,980
Pequea 710 7 ft. PTO Hay Tedder - Field Ready	$ 1,610	Dynamo $ 1,345
Kuhn 300 GT 10 ft. 6" Pull Rotary Rake - DEMO	$ 2,600	Dynamo $ 2,172
Kuhn Gyrostar GRS25N Tedder Rake 11 ft 6"	$ 3,920	Dynamo $ 3,388
Kuhn Gyrorake GA 402N 13 ft 3 pt Rake	$ 3,420	Dynamo $ 2,910
Kuhn FA 367 6 ft 3 pt. Sickle Bar Mower	$ 1,840	Dynamo $ 1,598
Gehl 454 9½ ft. Hyd. Drive Rake	$ 4,050	Dynamo $ 3,385
Gehl 309 Scavenger II Manure Spreader	$ 6,801	Dynamo $ 5,140
Gehl 322 Scavenger II Manure Spreader - Demo	$14,318	Dynamo $10,195
Gehl 1710 Round Baler 5x6 - Loaded - Demo	$16,122	Dynamo $11,485
Gehl 1560 1000 RPM Forage Blower - Demo	$ 3,545	Dynamo $ 2,690
Gehl CB1060 Forage Harvester Tandem Metal Stop Loaded	$18,983	Dynamo $15,530
Gehl TR3038 2RN Rotary Corn Head	$ 4,124	Dynamo $ 3,590
New Idea 565 Square Baler w/Thrower Loaded	$13,387	Dynamo $ 7,569
New Idea 406 9½ ft Hyd Drive Rake - Demo w/Valve	$ 3,565	Dynamo $ 2,745
New Idea 3632 320 Bu Tandem Spreader w/Gate	$ 7,020	Dynamo $ 5,875
New Idea 9200 4RN No Till Conservation Corn Planter Loaded	$10,603	Dynamo $ 8,790
New Idea 9200 6RN No Till Conservation Corn Planter Loaded	$15,321	Dynamo $12,720
New Idea 737 12 Roll Uni Husker	$10,131	Dynamo $ 8,574
Wic 8HP Straw Chopper Double Belt Drive	$ 1,990	Dynamo $ 1,595
Wic Model 45 Hydro Silage Cart 5HP Honda	$ 4,270	Dynamo $ 3,595
Massey Ferguson 1010 Gear 16HP Compact Diesel Tractor - Demo	$ 7,130	Dynamo $ 4,975
Massey Ferguson 1010 Hydro 16HP Compact Diesel Tractor - Demo	$ 8,859	Dynamo $ 6,440
Massey Ferguson 1035 4WD 31HP Compact Diesel Tractor Loaded	$13,437	Dynamo $ 9,985
Massey Ferguson 240 Utility 38HP Perkins Diesel Tractor - Demo	$15,176	Dynamo $ 9,790
Massey Ferguson 1042 3 pt. 2 Row Cultivator	$ 817	Dynamo $ 692
Massey Ferguson 1011 3 pt. 2 Bottom Plow w/Coulters	$ 929	Dynamo $ 825
Arps 256 3 pt 6 ft. Landscape Rake w/Gauge Wheels - Demo	$ 1,253	Dynamo $ 990
Arps 258 3 pt. 8 pt. Landscape Rake w/Gauge Wheels	$ 1,308	Dynamo $ 1,075
Arps M397 3 pt 6 ft Box Scraper w/Scatlers	$ 798	Dynamo $ 685
Arps AB55 5 ft. 3 pt. Scraper Blade	$ 312	Dynamo $ 260
Arps AB156 6 ft. 3 pt Scraper Blade	$ 395	Dynamo $ 335
Arps AB258 8 ft. 3 pt Scraper Blade	$ 782	Dynamo $ 675
Arps BH80 3 pt Backhoe w/PTO Pump	$ 5,142	Dynamo $ 4,345
Brillion 3 pt. 2 Bar 5 Shank Chisel Plow.	$ 1,293	Dynamo $ 1,095
Brillion 3 pt 3 Bar 7 Shank Hi Clearance Chisel Plow	$ 2,286	Dynamo $ 1,837
Brillion TPWH14 14 ft packer 20" Wheels w/Transport	$ 3,991	Dynamo $ 3,550
Bush Hog TM-4 3 pt. Finish Mower - Weathered	$ 1,245	Dynamo $ 990
Bush Hog SQ60 5 ft Rotary Chopper - Slip Clutch	$ 817	Dynamo $ 695
Bush Hog SQ84 7 ft Rotary Chopper Slip Clutch	$ 1,871	Dynamo $ 1,646
Bush Hog 268 8 ft. Rotary Chopper Slip Clutch	$ 2,802	Dynamo $ 2,445
Bush Hog 3126 10½ ft. Rotary Chopper Heavy Duty	$ 5,075	Dynamo $ 4,470
Bush Hog 2240 Quick Tach Loader w/Bucket	$ 2,396	Dynamo $ 1,990
Tye 10 ft No Till Stubble Drill w/Legume Box - Demo	$13,702	Dynamo $ 8,750

Dynamo Used Equipment Saleabration

Weaverline 330 30 bu. Silage Cart New Batteries	$ 1,950	Dynamo $ 1,437
Weaverline 330 30 bu Silage Cart - Nice	$ 2,495	Dynamo $ 1,790
Century 500 gal Sprayer Hyd Cent. Pump	$ 2,650	Dynamo $ 2,370
Westfield 8"x41 ft. Transport PTO Auger Like New	$ 1,890	Dynamo $ 1,635
Ford 3 pt. 2 Bottom Plow	$ 250	Dynamo $ 185
IH 800 Early Riser 4RN Corn Planter - Mint	$ 5,695	Dynamo $ 4,875
John Deere 1240 4RN Corn Planter Fair As Is	$ 1,595	Dynamo $ 685
John Deere 7000 Conservation Planter 4RN w/Auger Needs Some Work	$ 5,490	Dynamo $ 4,220
John Deere 7000 Corn Planter No Till Coulter w/Auger	$ 6,850	Dynamo $ 5,975
Kewanee 19 ft. Wing Field Cultivator Needs Some Work	$ 1,950	Dynamo $ 1,465
Oliver (Brillion) 14 ft. Transport Harrow	$ 1,395	Dynamo $ 1,240
Gehl HA900 6 ft. Hay Pickup	$ 950	Dynamo $ 595
Gehl HA1000 6 ft. Hay Pickup	$ 950	Dynamo $ 695
Gehl HA1200 7 ft. Hay Pickup Gauge Wheels	$ 1,595	Dynamo $ 1,140
No Name Heavy Duty 3 pt. 6 ft. Box Scraper	$ 395	Dynamo $ 290
IH 743 4RN Fast-Tach Corn Head Rough	$ 750	Dynamo $ 250
Wic 7HP Bedding Chopper New Knives	SOLD	Dynamo $ 945
Brillion 10 ft. Pull Pulvimulcher	$ 1,690	Dynamo $ 1,275
Brillion 23 ft. Wing Packer Nice	$ 3,800	Dynamo $ 3,390
John Deere 670 9½ ft. Hay Rake Sharp	$ 1,650	Dynamo $ 1,490
New Idea 402 Hay Rake w/Dolly New Teeth	$ 1,895	Dynamo $ 1,575
Farmall Cub w/Hyd Lift Belly Mower	$ 2,490	Dynamo $ 1,690
New Idea 634 8 Lug Running Gear	$ 895	Dynamo $ 780
Grove 16 ft 3 Beater w/Roof Unload Wagon	$ 2,350	Dynamo $ 1,390
New Idea 279 9 ft Cutditioner	$ 3,250	Dynamo $ 2,595
New Holland 489 Haybine w/Cylinder	$ 3,950	Dynamo $ 2,950

Above listed items are cash prices, f.o.b. Fontana -
One of a Kind Sale - Delivery available nominal fee and
Oh, yes we still are willing to trade in equipment that you may have.
Wishing you a blessed and prosperous Holiday Season.

Special Parts Promotion

Free Black & Decker Cordless Screwdriver Model 9018 (Retail Value $29.19) for anyone purchasing at least $200* worth of parts.

We have parts for: New Idea, Gehl, Hesston, Brillion, Bush Hog, Century, Pequea, Wic, Houle, Massey Ferguson, Clay, Dion, Artsway, Glencoe, Kill Bros, Richie, M-C, Kuhn, Gilson, Toro, Grasshopper, Dixon, plus many more

*** Cash Sale Only.**

10% OFF ALL TOYS -
MF - MF Special Addions - New Idea -
New Idea Uni - Eryl - plus more.

Just Traded Coming In: New Idea 800C Uni, 152HP Power Assist - Cummins Engine - Low Hours w/Uni 839 16 Roll Husker w/Feeder House.

HESSTON GEHL NEW IDEA Brillion

Umberger's Of Fontana, Inc.

Rt. 4, Box 545, Lebanon, PA 17042
8 miles E. of Hershey on Rt. 322.
717-867-5161
"Serving the Agriculture Community Since 1932"

NH grinder mixer, model 457, nice condition, $2,450 717-786-2839.

NH model L425 skid loader, real nice condition, $6,500. 717-532-7054.

L325 NH skid loader, air cooled diesel engine, asking $5,500 717-464-3697

Late 5720 SP chopper, 437 hrs., 4x4, 7', almost new, $60,800. Larry Stalter, "The Chopper Man". 1-800-248-2151

Lely Roterra, 14', $1,500 (301)833-9091.

Loader attachment Yanmar YL580, like new, $1,200 (301)8933-9091.

Loader attachment JD 145 with wide bucket and valves, $2,400. (301)833-9091.

Loader attachment new GB fits most 30-60HP tractors with wide bucket and valves, $1,850 (301)833-9091.

Loader tractor MF 203, 3pt, PTO, recent motor, $4,200 (301)893-9091.

Log skidder, JD 540, with wench and pusher, $9,000 (301)833-9091

Log skidder, Clark, 666B with wench, $6,000. (301)833-9091.

Long hard hose traveler irrigation system, very good condition 717-867-4896

Manure spreader, NI, 214 with Gratz chain and hydrolic gate, $2,000 (301)833-9091.

Massis Harris forage clipper, 1 row pull type w/ engine, $595.; Oliver 17-7 grain drill, $1,250.; IH 720 forage harvester w/2 row head, $3,495 ; New 6' hay pickup for IH 720 harvester, $2,225.; IH 56 forage blower, 540 rpm, $1,895., Table model #3 IH forage blower, belt driven, $300., Super C Farmall, $1,295 , B Allis Chalmers tractor, $995.; New 530 Case IH manure spreader, $4,500 ; New 550 Case IH manure spreader, $5,500 Farmers Supply Co. 301-848-6776

Hough 65 4WD Loader
With Cab, Exc. Cond.
$8,500
Dennis M. Miller Construction Equipment Sales
1-800-252-0"CAT" Days
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FORD NEW HOLLAND

Waiver Of Interest On Spreaders, Grinder Mixers & Skid Steer Loaders 'Til June 1, '89

NEW EQUIPMENT

NH 304, & 520 Spreaders
NH 316 & 326 Balers
NH 489, Mower Conditioner
NH 553 Loader
NH 256 Rake
NH 28 Forage Blower
NH 716 Forage Wagon SOLD
NH 162 Tedders

USED EQUIPMENT

NH 27 Blower
KM 321 Vicon
NH 770 Harvester 2R Head
NH 352 Grinder Mixer
NH 310 Baler

SHEETS BROS.
1061 Carlisle St.
Hanover, Penna.
717-632-3660

JD7000, 6-row planter; JD, 4-row corn planter; 10-row soybean planter; JD 6-row, cultivator; JD 2-row, potato digger; 2-row potato planter; straw elevator; Jblue fumegator; plastic mulch layer. (301)346-7409.

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Machine Shop
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Chevrolet Small Block Engine Rebuilt Kits Rings Rod Bearings and Main Bearings With Full Gasket Set $89 90
Cam Kit Cam Lifters & Prelube $89 95
Other Kits Available At Comparable Prices
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USED CONSTRUCTION EQUIPMENT

Backhoes, Loaders, Crawlers, Dozers, Etc. Currently Available:

Backhoes: (2) Case 480-C, Case 580-B w/ cab; JD 310 with 4 in 1 extend-a-hoe, cab, Ford 550 w/4 in 1 extend-a-hoe, cab, Case 580 CK with cab, Yanmar 226

Crawlers: IH 150 w/4 in 1, IH 100-C w/4 in 1, ROPS & ripper, JD 1010, Cat 955K

4 WD Loaders: IH 3850, Hough 50

Miscellaneous: Cummins 50KW generator; Northwest hydro 81, 2 to choose from, cheap, IH 340 Forklift; MF 2500 Forklift, Ford 3 pt mower model 917; Cat 75 KW generator, complete, self contained, Vermeer trencher 4 WD

Inventory Changing Daily. Call for current prices Located in Eastern Baltimore County, Maryland

Ask For
Rick Kammann
301-335-4189 Day
301-335-5920
Evenings

SHEETS BROS.
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Zetor ND 9-031 4WD Forklift $26,500
Zetor 5245 w/Front End Loader $15,300
Zetor 7711 $13,400
Bobcat 843, 743, 542B, 440B Loaders
Ku[illegible] GRS25 [illegible]dder Rake

Sales & Service

JD 750 dsl 4x4, 20hp, w/JD QT loader & JD rear blade, 170 hours, like new, $7,500 717-272-2352.

JD 7720 Titan combine, 600 hrs, 220 flex head, 643 corn head, wagon for heads, $80,000, JD 1508 batwing chopper; JD flail chopper, #27 Reason for selling, retiring 302-378-8133

JD combine tires and rims, 23 1x26, 10 ply, brand new Call 609-935-3384

FOR SALE

MF 1135 diesel, good tires
MF 1080, 1971 model, good rubber, clean tractor
MF 275, 77 Model, Dsl., 800 hrs, clean tractor
MF 275 diesel, 2,000 hrs., good tractor w/ cab
MF 175 Dsl., (76) 8 Sp, New Paint, Good Rubber, NICE
MF 175 diesel, 6 spd., engine overhauled, good rubber
MF 65D, NF
MF loader w/bucket
354 Perkins Engine, good shape
Engine parts for 478 GMC diesel.
MF Tractor Parts Dismantling: 35, 40, 50, 65, 165, 175, 180

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No Sunday Calls

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after 5
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2 Case 580C, open rops, standard backhoes $11,500 each
1984 Case 580E, 1200 hrs., standard backhoe, open rops
1987 Bobcat 743, low hrs., 36 HP Kubota diesel engine, flotation tires, $10,500
1985 Bobcat 743, 1200 hrs., 36 HP, Kubota diesel, $8,500
1984 Hydra-Mack 14C skid loader, 43 HP, Isuzu diesel engine, good condition, $7,000
1983 Koehring 1050 skid-loader, 1700 hrs., flotation tires, 38 HP Kubota diesel, $7,500
1986 Bobcat 642, 32 HP Ford gas engine, 1700 hrs., $7,250
1979 Bobcat 825, 42 HP Perkins diesel engine, good tires $6,750
1984 Case 480E tractor loader backhoe, 400 hrs. Call

Ford Tractors Equipment NEW IDEA HESSTON WE

USED EQUIPMENT

MF 65 Dsl w/Ldr
Brady 12' Flail Shredder
NH 488 Haybine
White 2105 w/Cab
AC 170 Tractor
MM 670 Gas Tractor
MM G1000 Vista
Gleaner F2 Combine w/13' & 6R C H
JD 4400 Combine w/13' Grain & 4 RN C H
AC 4R Planter
Gehl 95 Grinder Mixer
18' Brady Hyd Fold Chisel Plow
(2) White 706N Corn Heads
Fox 728 2R Corn Head
Hesston 1090 Windrower
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Pittsburgh 12' Field Cultivator
Ford 503 Rake
Westfield 7x51 Auger

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Hi-Boy overhead sprayer
$5,000
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power units rebuild trans. & hyd. repairs.
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JD 660 manure spreader, hyd. endgate, top beater, good condition, Lebanon Co., 717-933-5808.

JD 4430 w/sound guard cab, 1976 model, quad range, new tires, excellent condition; AC 10 row no till planter, excellent condition. 609-691-7863

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JD 5400 4WD chopper, 1,520 hrs., 7' hay head, about like new, air, radio, kept in, $26,900. Larry Stalter, "The Chopper Man". 1-800-248-2151

JD 5720 self propelled forage harvester w/3RN corn head & 7½ ' windrow pickup, 1,200 hrs., absolutely perfect, $58,000. 301-371-6141

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Farmall Super A
Farmall H
MF 175 Dsl. 8SP
MF 175 D 12SP
MF 670 Cab & Air
MF 1080
MF 1150
Case 5B Auto Reset Plow
JD 2600, 4B Plow
MF 124 Baler w/Thrower
NH 320 Baler w/Thrower
IH 1190 Mower Conditioner
IH 56 Blower
NH 27 Blower
NH 56 Rake
Hub 30' Elevator
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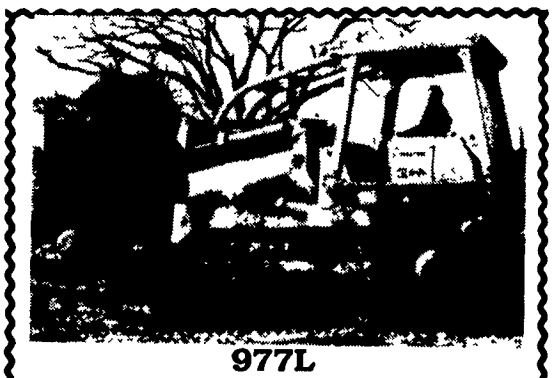

977L
14X series, needs U/C
$24,000
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(not actual photo)

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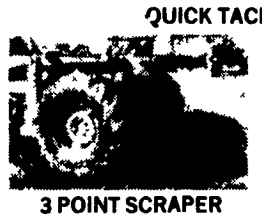
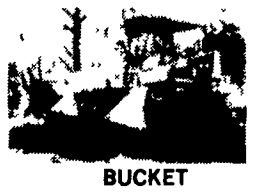


3 POINT SCRAPER



BUCKET

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- IH 806 ..... $5,500
- ACXT 190 ..... $5,500
- IH 1256 Rebuilt Eng $6,900
- AC D19 Gas $3,100
- Farmall H $850
- 1952 8N Ford w/Hyd. Loader $2,100
- JD B (Runs) $375
- IH 560 Gas $3,000

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- 6"x50' Rubber Belt $75
- 7"x55' Rubber Belt $90
- NI 323 Corn Picker $3250

ENGINES
- 65 HP Wisconsin $1,600
- VM 60 HP Diesel $2,400
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AVCO VM Diesel
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Oliver 1955 Completely Rebuilt
Oliver 88 Gas Tractor, Live PTO & Belt Pulley, Steel Wheels
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Grasshopper 16 HP Mower
Grasshopper 1412, 35 Hrs.
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JD 7000, 4R No-till
IH 400 6-Row Planter
White 5400 6R No-Till Planter
Hesston 1014, 12' Hydra Swing
Hesston PT10, 9'
Hesston 1091, 9' Windrower
NI 354, 10 Ton Spreader 2 Beater & Endgate
NI 2100 Gal. Vacuum Spreader
NH 676 Tandem Spreader
NH 518 w/Slurry Sides
NH Flail Chopper
NI 214 Single Beater Spreader
Yanmar 180, 4WD
Yanmar 186, 4WD
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235 hydro 2WD
245 4WD turf tires w/ loader
585 4WD, (special price)
USED TRACTORS
IH 424 G
Farmall Cub w/New Woods 60" Mower & Snow Plow
Farmall Cub w/22 Mower
Farmall Cub Loboy w/ Mower & 54" Blade
Used Scout 1979 Low Mileage, Auto 345 Plus Air
NEW EQUIPMENT
CASE-IH
2200 Loader for 385-485 Tractor
2250 Ldr. w/72" Bucket
7 QA Ldr. for 200 Series Tractor
10 QA Ldr. for 200 Series Tractor
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OTHER EQUIPMENT
Woods 750 Backhoe w/18" Bucket
Woods RM500 Rear Mtd. Mower
Woods RM600 Rear Mtd. Mower
Woods M54, 5' Rear Mtd. Mower, Special Price

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Phone 215-269-2676

Case 1370, Cab, H/A,
Power Shift, 2,831 Hrs.,
20.8-38 Tires $7,900
FOR SALE

MF 1143 corn head	IH 720 forage harvester
MF 43 corn head	NH pickup head
JD AW disc	JD 4240, power shift
Plow down attachment for liquid spreader	IH Hydro 84 w/2250 loader
MF 540 combine	MF 3545, 4WD
MF 540 combine, 480 hrs., w/flex head & 1143 corn head	MF 2675, cab & air
Oliver 3 btm. plow	MF 285
IH 10 tooth chisel plow	MF 275
IH 830 forage harvester	Oliver 1655
	Case 1370 w/cab & air

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Ephrata, PA
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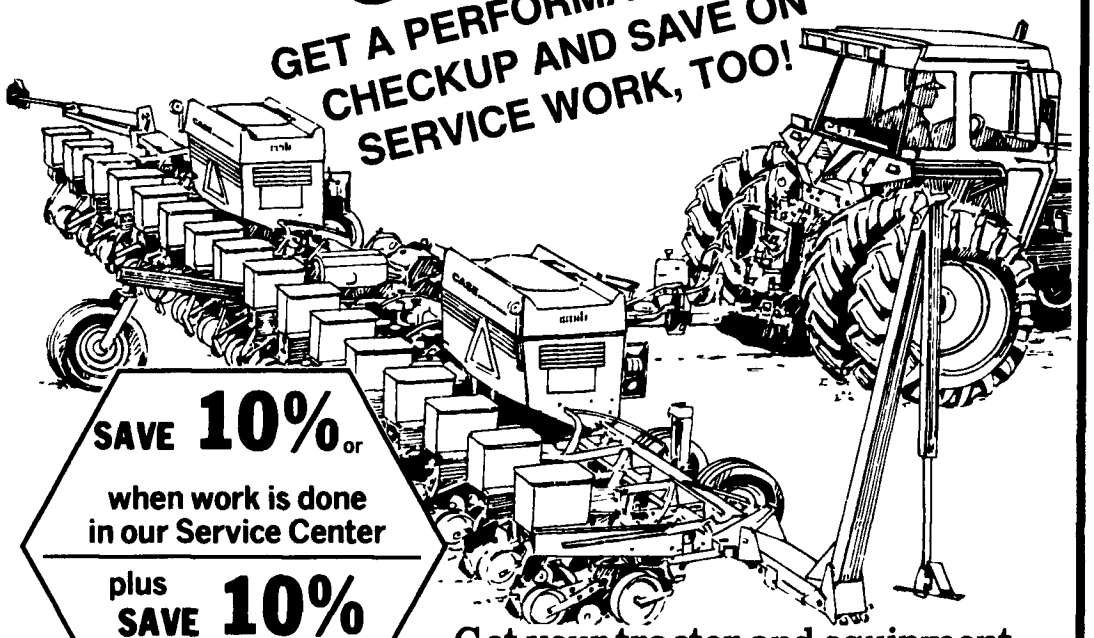
PARTS VALUE OF THE MONTH
Pre-Season **Service** Savings

BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!



SAVE 10% or when work is done in our Service Center
plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

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Best Buys in Used Equipment

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- Coming In- JD 4630 w/Cab, Excellent Condition
- Farmall M
- Farmall C
- Ford 801 w/Front-End Loader
- NH 320 Baler w/Thrower
- IH 27 Baler w/Thrower
- NH 1469 Self-Propelled Haybine, 9 Ft. Cut w/Ford Engine
- Oliver 4BT Auto. Reset Plow

SKID LOADERS
- NH 755D, Good Condition
- NH 779D w/Bucket

HAY & FORAGE
- NH 311 Baler w/75 Thrower, Like New Only Baled 3000
- NH Model 315 Baler w/Thrower, Good Condition
- NH 278 Baler w/58 Thrower, Good Cond.
- NH 1495 Self-Propelled Haybine w/AC, Cab, Diesel Engine w/Hydrostatic Drive
- NH 892 Forage Harvester, Electric Controls w/2 Row Corn Head
- Brady 6630 Flail Shredder, 15' w/Windrow Attach.
- NH S717 Forage Harvester w/2 Row Cornhead
- Gehl 88 Forage Blower
- Hesston Stak Mover
- NH #7 Wagon
- Int. 915 Combine For Parts, Engine Excellent, 407 Turbo Charged, 810 Grain Platform, 763 Six Row Corn Head
- NH 890 Forage Harvester w/2 Row N Cornhead
- NH 489 Haybine, Like New
- AC Forage Blower
- Hesston 1010 Hydro-Swing, 9 Ft. Cut
- New Idea 323 Single Row Pickeer
- New Idea 310 Single Row Picker
- NH 51 Forage Box Wagon, Good Cond.
- IH 51 Forage Box For Parts
- PTO Grimm Hay Tedder, Good Condition
- JD Hayrake
- NH 258 Hayrake
- Bush Hog 3 Pt. 10 Ft. Rotary Cutter
- NH 66 Baler

PLANTING & TILLAGE
- JD 5 Bot. Auto Reset Plow
- Brillion 10' Packer
- Howard 5-Shank V Sub Soil Chisel
- 6' Drag Harrow
- Brillion Grass Seeder w/ Transport
- IH 56 Planter, 4 Row
- Dunham 16' Packer w/ Transport
- IH 10' Transport Disk Harrow
- Brillion 10' Cutti-Mulcher, Used Only 10 Acres
- Brillion 16' Transport Harrow w/Wings
- IH 37 Disc, 10 Ft.

SPREADERS
- 200 Gal. Sprayer w/30' Boom
- Ford 8' Transport Disk Harrow
- IH 550 Spreader w/Hydr. Endgate

MISC.
- Int. 1150 Grinder Mixer
- Corn Drag Elevator
- NH 354 Grinder Mixer

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt. 283, Elizabethtown, PA
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case IH

CASE IH MAGNUM 7110

130 Horsepower, 4WD

Special Deal- CALL TODAY!

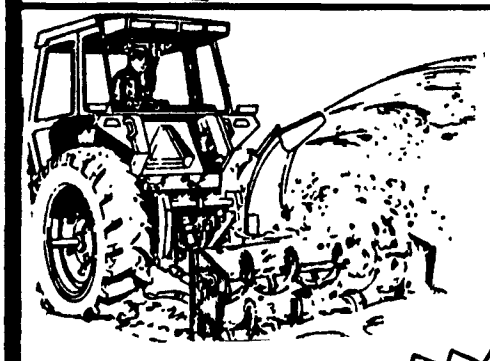
Featuring: Dual PTO Shafts, 540/1000

CASE 1818, 1835 & 1845 UNILOADERS

In Stock- Ready To Go!

Call For Your Special Deal!

0% Financing



CASE IH 80 SNOW BLOWERS

Double Auger & Hydraulic Chute, Less Cyl.

Reg. Price $2,895

Only **$2,185**

Fast-Fill Your Tallest Silos!

Just Received A Trailer-Load- *ON SALE AT A SPECIAL PRICE!*

Case International 600 Forage Blowers

CASE IH 685 62 H.P., 4WD w/CASE IH 2250 MOUNT-O-MATIC

Mounting & Dismounting Was Never Easier!

WAIVER OF FINANCE TIL MARCH 1, 1989

0% Financing For 12 Mos	7.5% Financing For 48 Mos
5.5% Financing For 24 Mos	9.5% Financing For 60 Mos
6.5% Financing For 36 Mos	*Or Cash Rebates!*

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238

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case IH

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YOUR NEW HOLLAND EQUIPMENT HEADQUARTERS

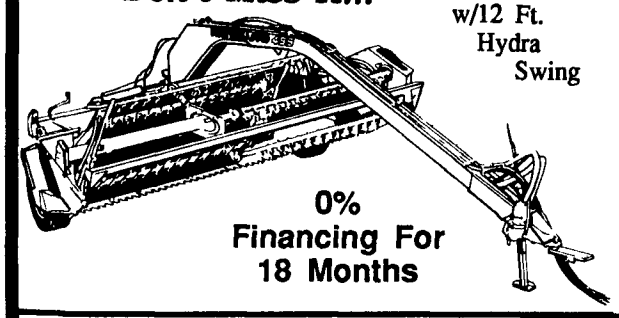
Waiver Of Finance - Low Rate Financing Or Big Cash Rebates

NEW HOLLAND

N.H. MODEL 499 MOWER/CONDITIONER

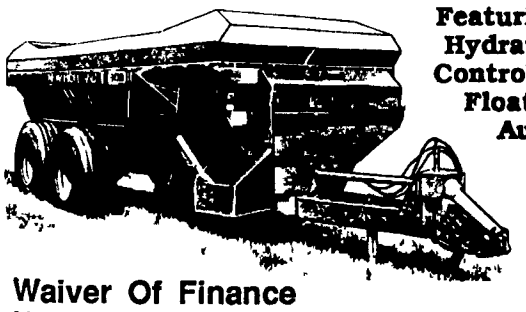
Don't Miss It...

w/12 Ft. Hydra Swing



0% Financing For 18 Months

THE SIDE DELIVERY MANURE SPREADER THAT DOES IT ALL



Featuring: Hydraulic Controlled Floating Auger

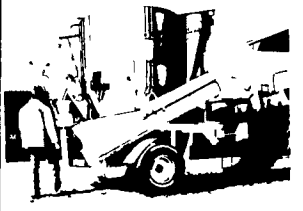
Waiver Of Finance Until June 1, 1989

N.H. 308 w/2275 Gal. Capacity

If You're Interested In SAVING $$$-ACT NOW

YEAR-END CLEARANCE- BEAT THE PRICE INCREASE!

N.H. 311, 316 & 326 BALERS



N.H. 355 GRINDER MIXER

Featuring:
- Hydraulic Drive
- Electronic Scales

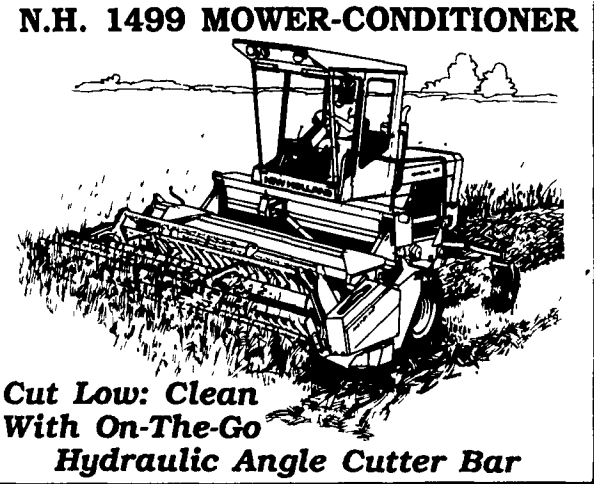
Waiver Until June 1, 1989

NEW HOLLAND 489 HAYBINE®

NEW HOLLAND 411 DISKBINE®

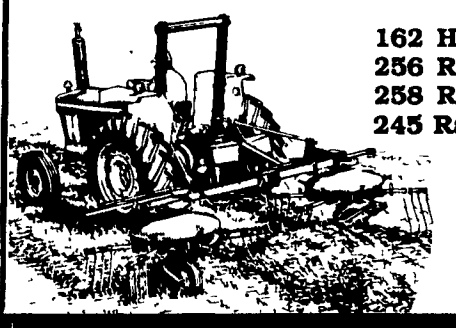
Demo Unit

N.H. 1499 MOWER-CONDITIONER



Cut Low: Clean With On-The-Go Hydraulic Angle Cutter Bar

Received Double Shipment- Unloading Excess Inventory



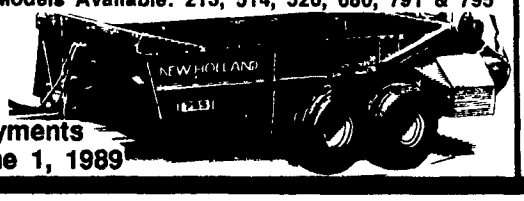
162 Hay Tedders
256 Rakes
258 Rakes
245 Rake Tedders

N.H. 795 SPREADER

w/Hyd. Gate, Splash Guard, Top Beater

Built For Heavy Duty Hauling

Other Models Available: 213, 514, 520, 680, 791 & 795



No Payments Til June 1, 1989

SEE AD- HELP WANTED SECTION, PAGE B-30 (THIS ISSUE)

MESSICK FARM EQUIPMENT, INC.
RHEEMS EXIT — RT 283, ELIZABETHTOWN, PA
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TOLL FREE IN PA. 1-800-222-3373
WARREN SPICKLER — HOME 653-4560
★ WE SHIP UPS

VISA

USED EQUIP.

JD 4010 Tractor w/WF
JD 2640 Tractor
JD 2440 Tractor w/Ldr.
Farmall A Tractor w/Sickle Bar Mower
JD 8300 Grain Drill
JD 4420 Combine w/Platform
JD 45 Combine w/2R C.H.
NH 495 Mower Conditioner
JD 1240 Corn Planter
JD 6620 Sidehill Combine w/215 Flex Platform
NI Silage Blower
JD 716 Forage Wagon
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons. Planter
NH 276 Baler w/Thrower
NH 890 Chopper
NH 489 Mower Conditioner
John Blue 400 gal. Applicator
JD 1450 5 btm Plow
JD 8350 18x7 Grain Drill
JD 24T Baler w/Ejector
NH 307 Side Discharge Manure Spreader

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
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WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE-
FB 16, 4WD
FB 31, 4WD w/Loader
120 Tractor w/Cab
598 5/6 Bot. Plow
435 10 Ft. Conserv. Chisel Plow
5100 4-Row Planter w/Dry Fert.

KUHN-
11' 6 Rake & Tedder
17' Tedder (Demo)

GEHL-
HT 243 Tedder
1465 Round Baler
FB 1540 Blower
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.
BU 970 Forage Box
CB 1060 Forage Harvester

BRILLION-
9 Ft. 3 Pt. Hitch Chisel Plow
5 Ft. Landscape Seeder

KEWANEE-
42 Ft. Hay And Corn Elevator

NEW IDEA

FARM EQUIPMENT

NEW IDEA-
3626 Spreader
3632 Spreader
3618 Spreader
3622 Spreader
3639 Spreader
406 Hydraulic Rake

USED EQUIPMENT

JD 450 hydro push spreader
NI 323 1-Row Cornpicker
NI 400 Rake
NI 526 Disk Mower
NI 214 Spreader, Single Beater
Oliver 1650 Gas Tractor
Farmall M Tractor
Farmall A w/Cult., Plow & Sickle Bar
Gehl 4615 skid steer loader
Gehl BU620 Forage Box, 4x16

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

COMBINE

750 MF Hydrostatic, 1163, 6R corn head, 14' grain table. One owner.
$12,500
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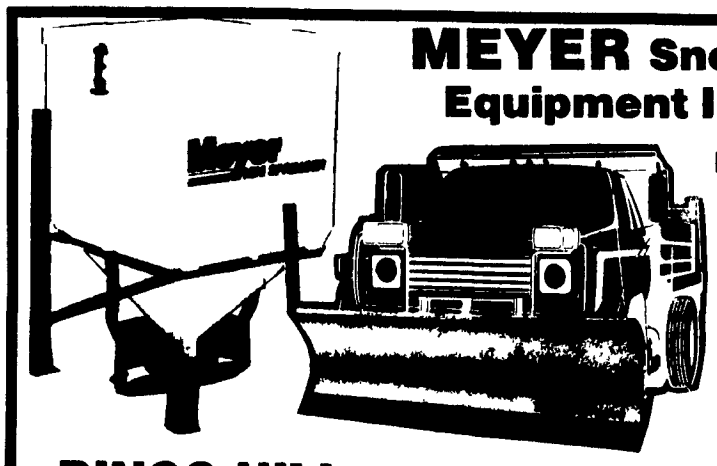

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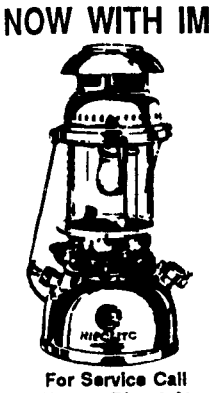

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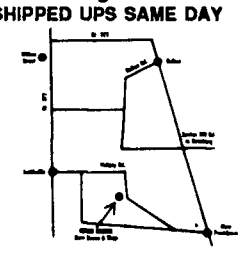

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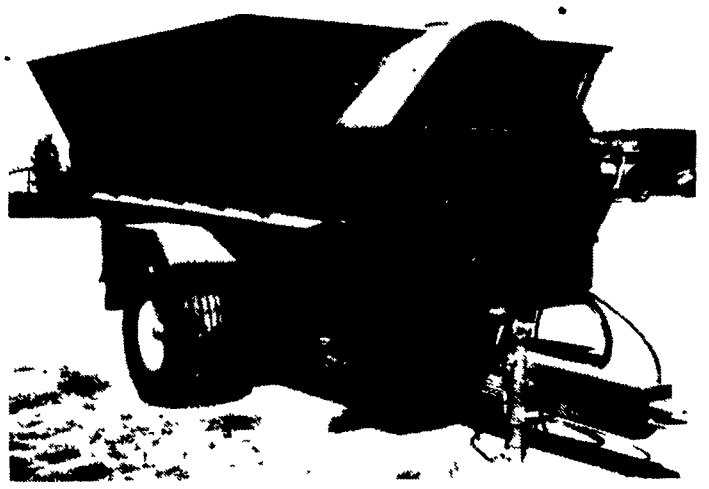

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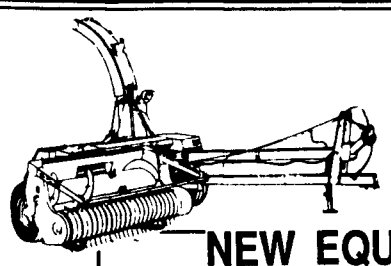

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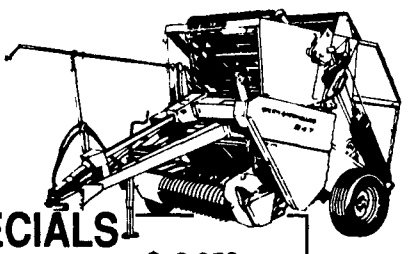

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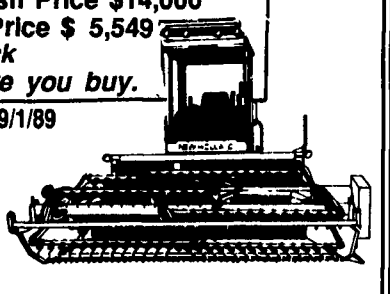

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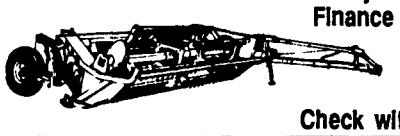

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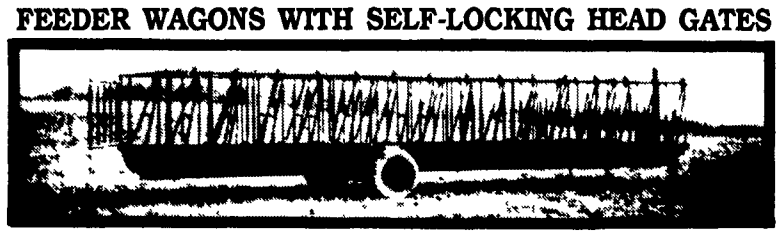

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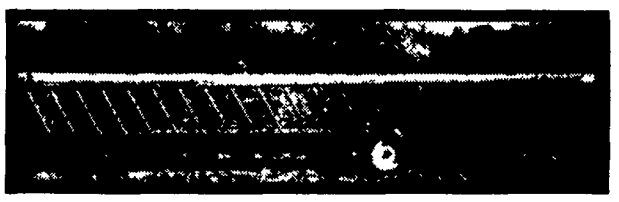

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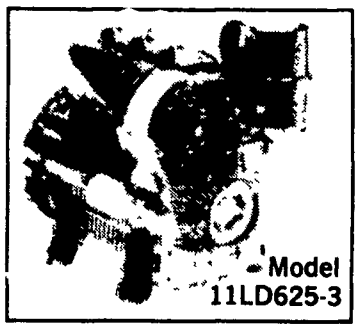

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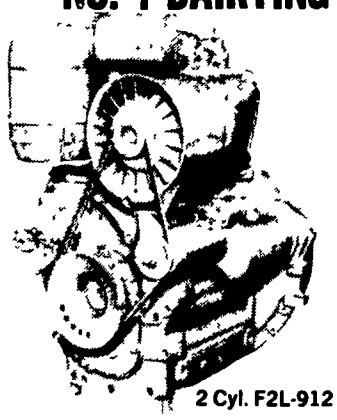

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It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine.

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MF 750 Combine 44 Head, 15' Platform
JD 7720, 643 C.H ., 215 Flex Platform
JD 1975, 7700 w/215 Flex Head
JD 15' Rigid Platform
AC 4RW Cornhead for M or M2
NH TR70 w/15' Platform
JD 643 CH for NH Combine

TRACTORS

IH Cub 154 Loboy
JD 4230 QR No Cab

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AC 8R No-Till w/Liq. Fert. & Hydraulic Markers
AC 330 4 R Planter
JD 7000 Cons. Model 6R-30" Dry Fert. & No-Till
JD 7000, 8RN No-Till Liq. Fert.
JD FBB Drill 17x7

MISC.

NH 271 Baler
JD 346 Twine Baler w/Kicker
JD 347 Wire Baler
Nitrogen Applicator w/Tanks
AC 14' Disk Harrow
IH #60 Stalk Shredder

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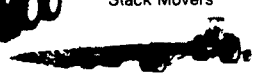
5 - Sizes
12 Different Engines



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Fox Brady soybean processor
IH 420 baler with chure
MC 9' Rotary Scythe to cut hay or corn stalks
NI 42' Elevator, Elec. Motor & PTO Shaft
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Brillion 16' Crowsfoot w/Endways Transport ..... **$950** SOLD
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International #353 4 Row 38" Rolling Cultivator **$395**
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JD 2040 Dsl. $6,200
JD 4020 Dsl. SC, $7,500
JD 2630, Ind. PTO, 16.9x30 tires, (rebuilt engine), $6,950
Ford 3400 gas, PS, 3 pt., PTO, $3,600
JD 2030 diesel, Ind. PTO, 15.5x38 tires, $4,500
Farmall 140 w/Belly mower, $2,100
Ford 1600 Diesel with rear mower & hydraulic snow blade, nice $4,500 SOLD
Kubota L245 diesel, $2,950
AC 5020 diesel, $2,950
Kubota B6000 diesel, PTO & 3 Pt., $1,850
Int. 2444 gas, PS, 3 Pt., $2,800
AC 5020 diesel, 21 hp, 31 pt. PTO, turf tires, nice, $3,950
Oliver 550 diesel $2,000
Deutz 5506 Diesel $3,500
MM 670 Diesel, 71 HP $2,900

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NH 849 Round Baler auto wrap $6,500
NH 489 Haybine, 1 yr. old, $5,800
Gehl 1850 Round Baler, $2,900

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NH 352 w/scale $2,500

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Deutz Allis	7010 A.C.	AC 190 (Good Cond.)
6240's — 6250's		AC 190XT (Good Cond.)
6285	6070 A.C.	AC 7030, w/Cab (Like New)
7045 A.C.	6140 A.C.	(2) AC 7040's — AC 7000

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Fox S.P. Harvester, No Cab
Fox S.P. Harvester, w/Cab
New Deutz Allis Round Baler

(2) (1) Used Bobcat 600 Skid Steer Loader, (Very Good)
(1) Used Bobcat 743 New Bobcat's In Stock

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AC G, Nice Shape

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bobcat
DEUTZ ALLIS

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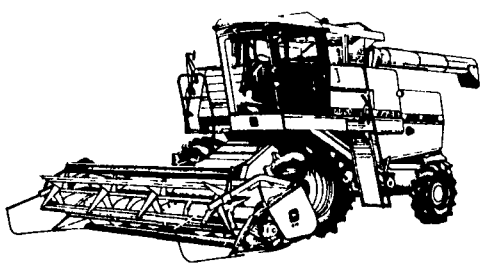
TRACTORS

Int. 504
Ford 4000
1976 JD 4030, quad range, 4 post, roll guard



MISCELLANEOUS

IH 990 haybine
NI 299 mower conditioner
IH #60 flail mower, 14'
MC 12' flail mower
JD 35 harvester w/2 RW head
JD RG 4 row cultivator, (4 row wide)
JD 7000 4 row wide, notill, dry fert., insecticide, monitor
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor

USED ONE SEASON EXCELLENT CONDITION

1987 JD 6620 Titan II, 2 WD, 218 hrs., hydrostatic, loaded w/216 flex cutter bar
1987 JD 7720 Titan II 4WD, loaded w/220 flex cutter bar, 643 corn head
1987 JD 8820, Titan II, 4WD, loaded w/JD 220 flex cutter bar, JD 843 corn head
Waiver Of Interest Till Sept. '89

Demo Tillage Units
JD 722 Mulch Finisher, 24' 8 ..... **$12,500**

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Int. 1460 w/1020 cutter bar

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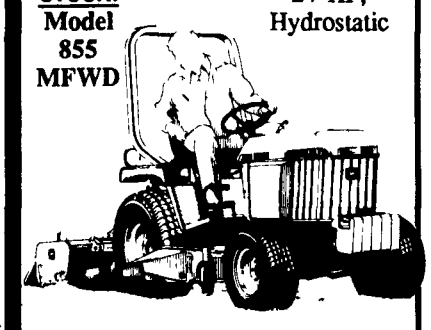
IN STOCK: Model 855 MFWD 24 HP, Hydrostatic



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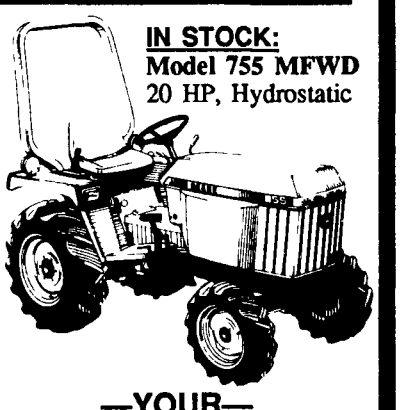
- 6 Mo. Finance Waiver
- 8.5% APR Financing

IN STOCK: Model 755 MFWD 20 HP, Hydrostatic



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- 6 Mo. Finance Waiver
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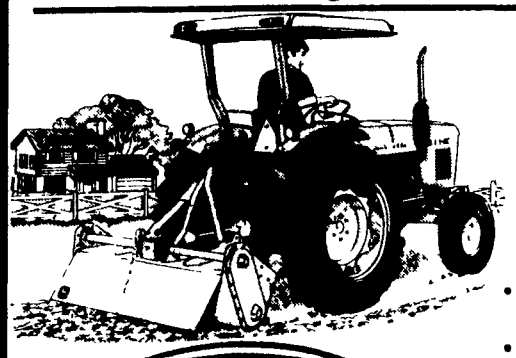

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IH 300

EQUIPMENT

HD 210 Woods Mower
NH 462 7' 10 disc mower
JD 220 Disk 18'6"
Ford 757 Backhoe
Bush Hog 10 ft. Offset Disk
NH 27 Blower
NH 469 Haybine
IH 35 Rake
Danuser 4 Ft. Log Splitter
Howard HR8 Tiller
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(2) JD 261 3 Pt. Grooming Mowers w/Gauge Wheels
(2) 40 Front Blades For 60-70-100 Tractors
36 Snow Thrower For Late 110-112 200 Series
37A Snow Thrower for Late 110-112 200 Series
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JD 365 Front Blade for JD 650 tractor... coming in

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JD 1530 Diesel Tractor w/Hi-Lo & 143 Loader $9,500
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JD 2950 4 wheel drive
JD 2350 w/loader
JD 2040
JD 3020
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NH 479 haybine
NH manure spreaders
580B backhoe
4500 Ford backhoe

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NH Model 27 blower, $1,000
NH Model 679 tandem manure spreader w/hydraulic end gate, $2,600
(2) Kilbros 350 gravity wagons w/JD 1065 running gears & flotation tires, $1,200 each
NI 279 cutditioner, $2,700

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Save 50% on PTO alternators and all kinds of pressure washers, (Washer special 1000 PSI $499.00) Gas, electric and PTO powered- hot or cold water type, also save on dead animal incinerators.

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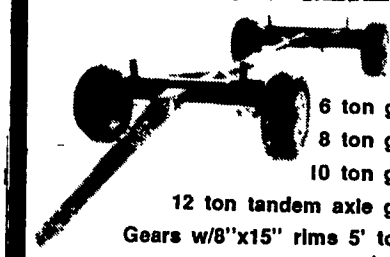

6 ton gear $400
8 ton gear $440
10 ton gear $575
12 ton tandem axle gear $875
Gears w/8"x15" rims 5' tongue
12.5L tires w/tube $62.50 each;
11L Tires w/Tube $42.50 ea.
Oak Wagon Flats, 8'x16'-18' $175-$200

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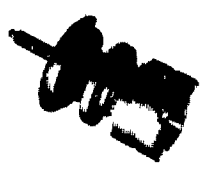

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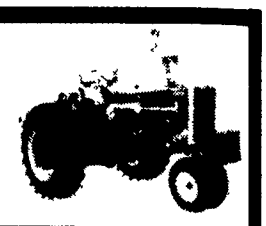

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We have clutches available for most all IH tractors; including many heavier than original. We also have clutches for many other brands.

- Compare Our Prices -

All clutches & T.A.'s will ship U.P.S. and are sold on an exchange basis. Core charges Apply.

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

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IH 1066, 766, 544, 966, 544, 340
JD 4430, 730 gas, 3020-D, 4320
MF 1100
Oliver 550 diesel
AC 5040, 6080, WC
White 2-85, 2-105

USED TRACTORS

"Coming In"
1971 JD 420 SR cab & wide front end
Farmall 460 gas w/wide front end
1981 IH 786 with 1200 hrs. absolutely like new

IH 686 Diesel wide front end 3 ft.
IH 656 diesel wide front end
1976 1066 black stripe cab & air, excellent condition
Oliver 1855 cab wide front end & complete engine overhaul
IH 856 diesel cab " wide front end 4300 hrs. good shape
1975 1066 Cab & air 3600 hours, exc. cond., new rear tires.
IH 1256 cab wide fr. end, real good cond.
IH 560 gas, SOLD 2 Pt. Hitch
IH 1566 3360 hours, recent engine & TA, ex. condition, fender tractor
IH 856 diesel 3 pt. dual shift and hydraulic, very nice condition.
Farmall 806, wide front, dual speed PTO
IH 856, gas, WFE, 18.4x38 tires, dual hydraulic, dual PTO, good solid tractor
Farmall SMTA, SOLD new paint, good rubber
White model 256 transport disc, 12' like new, did 140 acres
Oliver 566, 6x16" semi mounted plow
Ford Model 601 select-a-speed with mower, blade & plow, very nice condition

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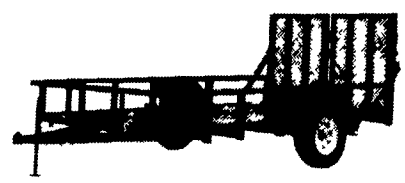
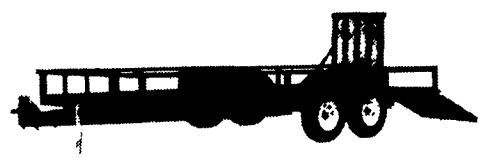
INTERNATIONAL TRAILER CORPORATION

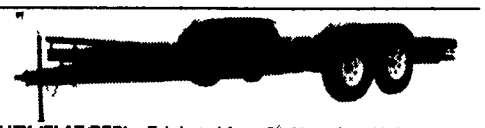


UTILITY (TILT MODEL) - Fabricated from the highest quality steel and component parts. These trailers standard features include, 15" White Spoked Wheels, New tires, 2" coupler, and safety chains.
AVAILABLE SIZES: LENGTH: 8 to 12 feet WIDTH: 60 to 76 inches
GVW: 3,500 lbs.

Largest manufacturer of a complete line of trailers, utility, construction, and goosenecks. QUALITY, WORKMANSHIP and DESIGN are the three most obvious components in these trailers.



UTILITY - Fabricated with rectangular tubing and angle, these trailers are available in most sizes to meet all your hauling requirements.
AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH: 76 to 81 inches
GVW: 7000-12,000 lbs. TIRES: 700-15 LT



UTILITY (FLAT BED) - Fabricated from 5"x3" angle, with heavy duty wrap-around tongue. 2-5/16" coupler, and self storing 60" long ramps.
AVAILABLE SIZES: LENGTH 14 to 18 feet
WIDTH: 76 to 81 inches
GVW: 8000 lbs. TIRES: 700-15 LT

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- 1 & 2 Bottom Plows
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- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4'-8'
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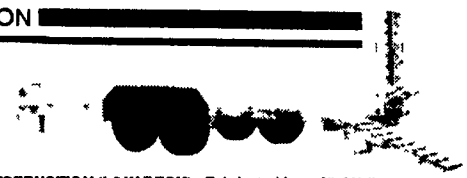
- Boom Poles
- Rear Carriers
- Wood Saws
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- PTO Winch
- Truck Beds - 7' to 12'

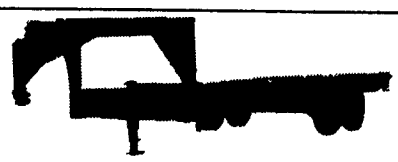
Over 150 Trailers In Stock Starting At $495.00

50 Different Models Available

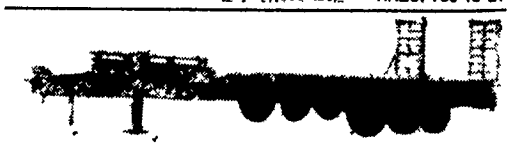
DEALERS WANTED



CONSTRUCTION (LOW DECK) - Fabricated from 6"x3½" angle, 3" channel crossmembers, 5" channel heavy duty wrap-around tongue with four position adjustable hitch, diamond plate fenders, and 56" long attached ramps.
AVAILABLE IN DROP-AXLE
AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG
GVW: 8000-12,000 lbs. TIRES: 750-16



GOOSENECK TRAILERS - Gooseneck feature is available on Flat Bed Deck-Over Models and on Utility Models with tubular side rails. All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over Models.
AVAILABLE SIZES: LENGTH: 18 to 28 feet
WIDTH: 76 to 96 inches
GVW: 12,000-18,000 lbs. TIRES: 750-16 LT



CONSTRUCTION (DECK-OVER) - Fabricated with 8" channel main frame, with 4" and 5" channel crossmembers. All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack.
AVAILABLE SIZES: LENGTH: 18 to 24 feet WIDTH: 8 feet
GVW: 12,000-20,000 lbs.
Eight (8) lug brake axles with 750-16 tires.

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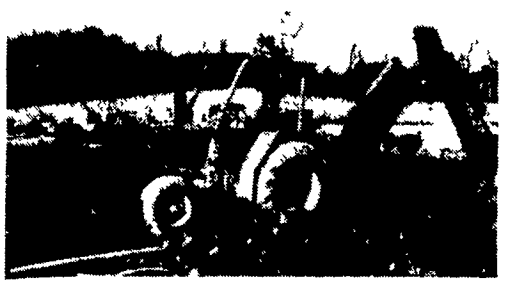

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Extend-a-hoe w/
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CASE 580B
Good Cond.
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All equipment kept under cover, less than 4 yrs. old.
JD 3940 forage harvester w/both corn & hay heads
Badger forage harvester wagon
NI 2 row corn picker
(2) Kilbros gravity boxes, (1) w/6" hydraulic auger
JD 115 back blade
16x55' concrete stave silo, 16' silomatic unloader, blower
7½ ton fiber fab supplement bin
Patz 162 conveyor, 20'
Patz 166 conveyor, 77'
Patz 2120 belt feeder, 50'
Patz 50' covered bunk
Schwartz 480S mixer w/electronic scales
All equipment like new, all equipment in excellent working order.
Call
201-838-9388 or 914-986-2198

Farmall 856, Farmall 666, Farmall 656 Hydro, 656 Hydro Utility, IH 674, IH 444, IH 140, Farmall Super C, Farmall H w/ Snowblade, Farmall Cub w/Equipment, AC 5040, Ford 4000 gas, Ford 3000 dsl., 2600 Ford Gas, 600 Ford, MF 165, Yanmar 186 D 4WD w/Loader, Simplicity 9518 w/Loader, NH LB620 Backhoe & Loader, 3400 Ford Backhoe & Loader, IH Payloaders, 3 PT Chisel Plows High Clearance, 3 PT Drag & transport disks, 3 PT & pull type plows, manure spreaders, 3 PT scraper blades, snow blades to fit various size tractors, special prices on rotary mowers and mowing machines, large selection of new, used and reconditioned equipment and parts in stock.

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Martin Tractor
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Used Tractors

Ford 6700 excel.; Oliver 1650, 770, 77; MM 950; Fordson Major w/loader; Year round cab for IH 706;

Currently Dismantling Tractors For Parts

AC: WD, D19, 5040, XT190, 200, 7040; CASE: VC, VAC, SC, 600, 700, 730, 870, 1070; DEUTZ: 5506; FORD: 851, 971, 4000, 5000, 6000, 9600; IH: H, M, Super C, UD9 power unit, B275, 300, 350, 400, 404, 450, 460, 504, 544, 560, 584, 656, 666, 706, 806, 1026, 1206, 1256, 1586; JD: A, B, 40,50, 60, 520, 620, 720, 2010, 2020, 2040, 2510, 3010, 4010, 3020, 4020, 4430, 4630; MF: 65, 85, 165, 175, 178, 180, 1080; MH: 44; MM: 4 Star, 5 Star, Jetstar 3, 445, 602, 670, G1000; Oliver: 60, 66, 70, 77, 88, 770, 1450, 1550, 1600, 1650, 1750, 1800, 1850, 1855, 1950, 1955.

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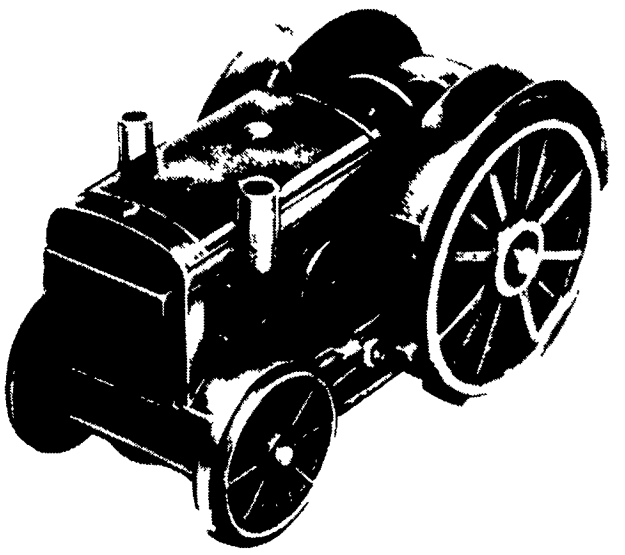

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NEW TRACTORS IN STOCK

33 h.p. 1050	85 h.p. 2955
45 h.p. 2155	95 h.p. 3155
55 h.p. 2355	105 h.p. 4050
75 h.p. 2755	120 h.p. 4250
	140 h.p. 4450 MFWD

Interest Free Till July 1, 1989 or
0% Financing For 18 Months Or Low Rate Financing Up To 60 Months

USED TRACTORS

JD 2240, MFWD, 1,100 hrs., like new
JD 755, 38 hrs., 4 wheel, turf, like new
JD 950, RG, sharp, $6,900
JD 2350, diesel, 55 h.p., 2,000 hours, excellent
Ferguson 40, 40 h.p., gas, WF
JD A tractor, $800
1953 Ford Golden Jubilee, good
JD 2010 parts tractor
(3) Used front blades for JD 650 thru 1050

COMBINES

'80 JD 6620 Side Hill, excellent, loaded
'79 JD 6620 Side Hill, very good, loaded
JD 6600 Side Hill, hydro, very good
JD 7700 turbo, 15' platform, good, $18,000
JD 4400, cab, AC, 13' platform, very good, $10,000
MF 760 Hydro, 1163 CH, 15' platform, $17,000, very good
(2) MF 410 w/cab, platform, $3,500 each
MF 510, cab, dsl., platform, Reduced $3,500
NH 975 w/platform, cab, $3,500
AC L630 corn head, excellent, Reduced, $4,500
(2) MF 44 corn heads, $1,500 & $2,500
(2) MF 43 corn heads
JD 444 corn head
JD 215 flex platform, like new
NI 325 sheller, 2 row 30" good, $2,900

(2) NEW JD 6620 Sidehill Combines In Stock
Interest Free On New & Used Till Sept. 1, 1989

USED TRACTORS

Ford 9N- $1,995
Farmall Super A- $2,400
Farmall 656 Hydro- $4,900
Int 560 Gas w/Loader- A Clean, Solid Workhorse!- $4,200

Utility Ford 600 w/Hyd. Drive, 6 Ft. Sickle Bar Mower- FOB $2,750

USED EQUIPMENT

JD 7000 6 Row Conservation Planter, Liquid Fert, w/John Blue Pump & Monitor
743 Bobcat Skid Steer Loader, 265 Hours, Diesel, Nice — Reduced To $1295
JD 6600 Diesel Combine, Rotary, 2890 Hrs, Reduced
JD 6600 Diesel Combine, Grass Loss Monitor And Straw Spreader, Very Nice Cond Both Machines Field Ready And Nice, Reduced
(3) JD 444 Cornheads, Good Condition
JD 13 Ft Grain Platform
JD 215 Grain Platform

Front Mount Snowblower For Compact Tractors. Shop Worn But In Good Condition. Call For Details.

NEW EQUIPMENT

JD 6620 Sidehill Combine, Loaded With All The Extras — Call For Details!
JD 643 Cornhead
• Both Sold With Waiver Of Finance Available
JD 2550, 4WD, Loaded
JD 1050, 2WD And 4WD Tractors
JD 850, 4WD
JD 755, 4WD, Turf Tires
JD 655, 2WD, Turf Tires
JD 712 Mulch Tiller, 9 Shank
JD 1219 Mower Conditioner — SAVE BIG!
JD 1360 Disc Mower Conditioner — SAVE BIG!
JD 450 Hydro Push Manure Spreader w/Endgate
JD 327 Baler w/40 Ejector — SAVE!
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Kubota L295 DT	Steiger Bearcat II	IH 606 w/Loader
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Steiger PT 225, 300 HP	Oliver 550	IH 4568
IH 1066	Oliver 550 w/Loader	IH 5088
		Case 1845 Uni-Loader

TILLAGE

Bush Hog 1439 Disk 16'	Sunflower Disk 29'
IH 6500 Consertill 12'	JD 230 Disk, 20'
IH 490 Disk 22'	Dunham Lehr 41' Knotched Packer
Krause 12' Landsman	Dunham Lehr 23½ ' Crowfoot Packer
MF 880 5x16 Plow	JD 2500 Plow 6x16
Brillion 14' Field Cultivator	Brillion 21', Crowfoot Packer
Brillion 20' Field Cultivator	JD Plow, 5x16
Krause 33' Field Cultivator	Oliver Plow, 4x16
Krause 4138 Field Cultivator 38'	IH 710 Plow, 6x18
Case 14' Disk	Tebben Deep-Till, 7x30"
Krause 1976 Disk, 33'	Taylorway 15' Offset Disk
(2) Krause 1966 Disk 31'	

MISCELLANEOUS

NH 1495 Head	IH 47 Baler
JD 8300, 23x7 Drill	Roanoke Hydraulic Boom Mower
NI 245 Manure Spreader	Hesston 4800 Big Baler
NI 299 Mower Conditioner	NH 352 Grinder Mixer
NH 28 Blower	FMC Model DM10E Sprayer
NH 850 Round Baler	IH 60 Shredder

COMBINES

MF 760	IH 915—JD 7700
	IH 1460—IH 815

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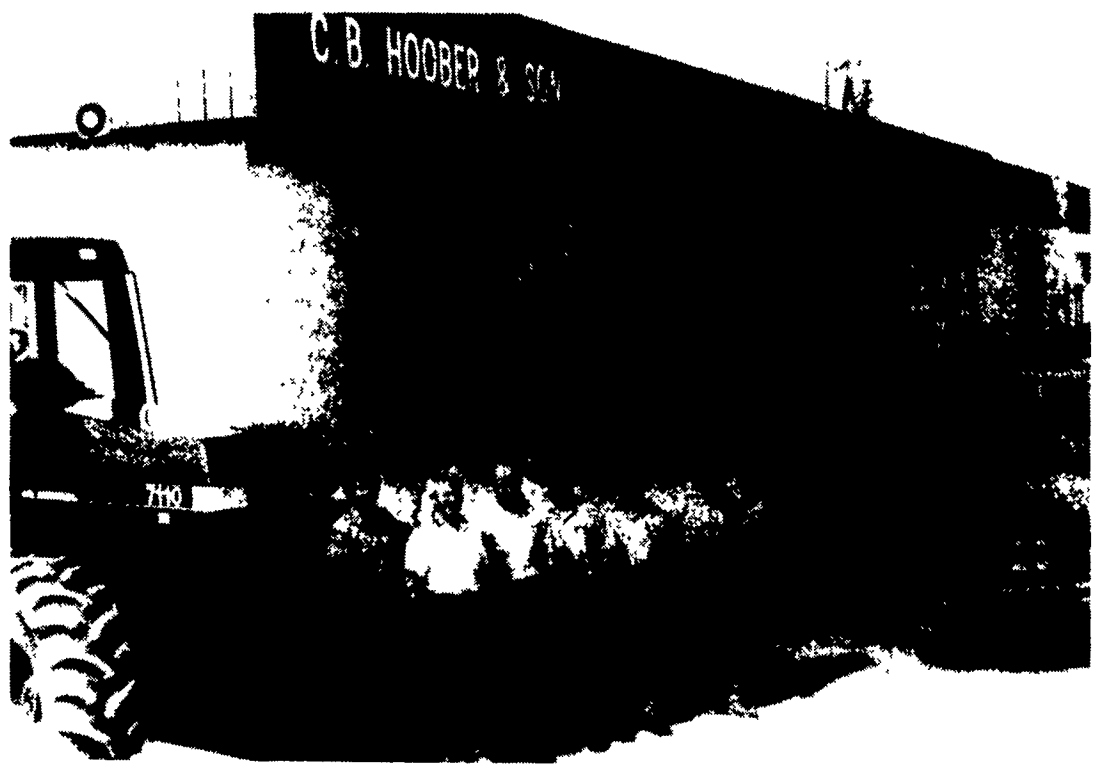

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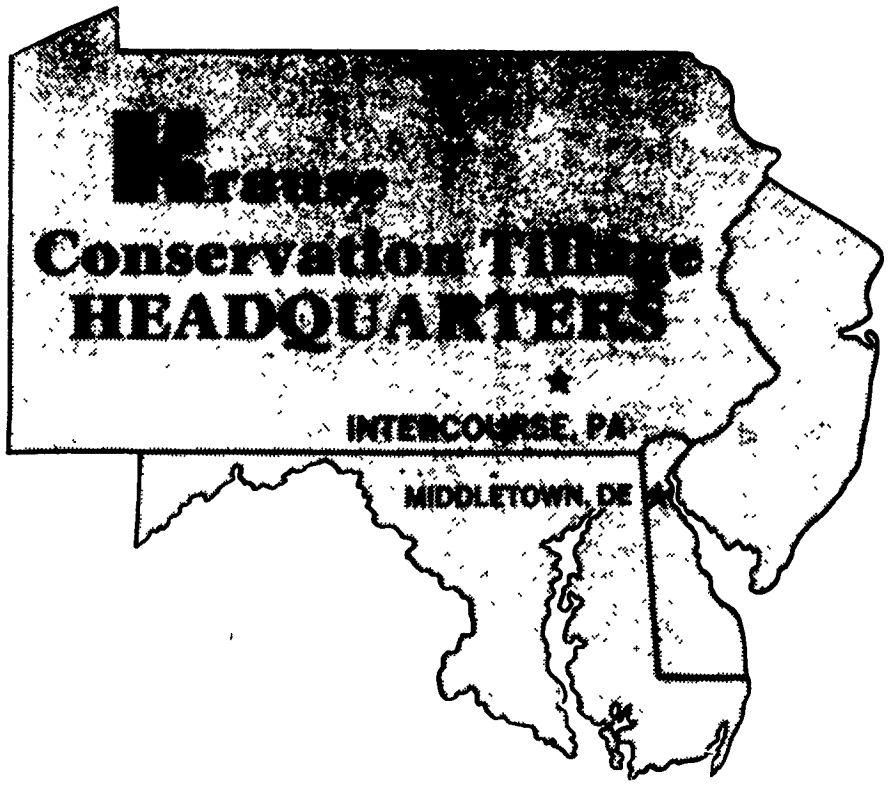
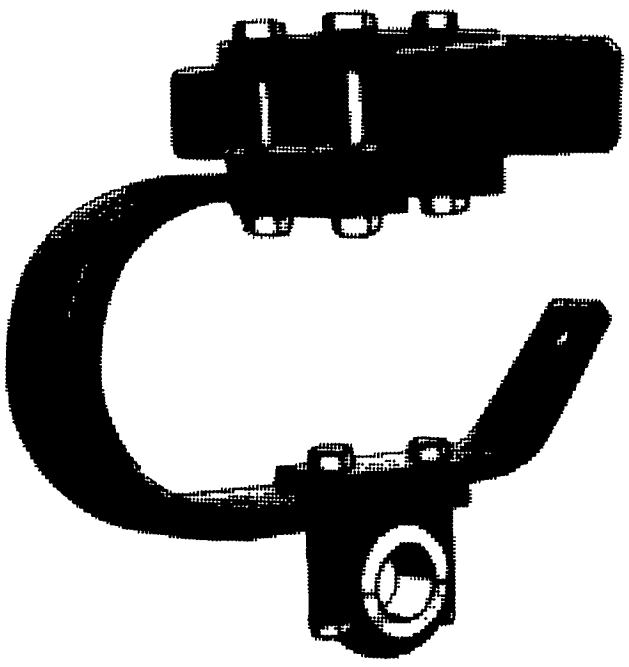
Case IH



Krause THE FIRST ROCKFLEX DISC IS THE BEST



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Used Tractors

IH 3588, 2+2, 4-WD, 18.4x38 Tires, Dual PTO, 150 HP 3 Pt. Hitch. (W2244)
IH F1086D, 16 Spd. w/TA, Cab w/A/C, 18.4x38, Dual PTO, Hitch, 140 HP. (W3500)
IH F1066D, 16 Spd w/TA, (New) 20.8x38, Dual PTO, Hitch, 135 HP. (W1715)
IH F706D, 16 Spd. w/TA, 18.4x34, Dual PTO, 75 HP. (W2925)
IH F706D, 16 Spd. w/TA, 16.9x38, Dual PTO, Fast Hitch. (W3331).
IH F656D Hydro, 16.9x38, Wide Front, 540 PTO, 65 HP. (W3369).
IH Farmall H, Gas, 13.6x38, 540 PTO, 32 HP. (W3421)
Case 1370 Diesel, 20.8x38, 1000 PTO, Cab w/Air, 155 HP. (W3429)
Ford 5000, Gas, 18.4x30, 540 PTO. (W3562).
Ford 2000, Gas, 12.4x28, 540 PTO (W3706)
Minneapolis-Moline 1600, 4-WD, 18.4x34, 1000 PTO, Hitch. (W3389)
Steiger PTA 297, 903 V-8 Cummins, Auto. Trans., Dual Tires, Cab Burned, 300 HP. (W3580)
White 4-150, 4-WD, 195 HP, 18.4x38, 1000 PTO, Hitch, Cab. (W3295)
Case 1845 Uni-Loader, Diesel, 63" Dirt Bucket, Reconditioned. (W2572)
AC, B, Gas, 11.2x24, 540 PTO. (W3275)
IH F1086D Tractor Diesel, Gear, Cab, Sharp (W3691)
IH F966 Diesel, 16 Spd. w/TA, 18.4x38 Tires, 115 HP, Excellent Cond. (W3581)
IH F656, Gas, Gear, 540 PTO, Narrow Front, 15.5x38 Rear Tires (W3615)
IH I656, Diesel, Hydro, 540 PTO, Wide Front, 2000 Loader (W3578)
IH 884 Diesel, Gear, 72 HP, 15.5x38 Tires w/Cast Center, 2300 Hrs. (W3769)
IH F400 Diesel, Gear (W3807)
IH F1066 Diesel, Gear, 20.8x38 & 10.00x16 Tires, 2 Valves 540/1000 PTO, Year-A-Round Cab (W3789)
IH 84 Hydro w/2250 Loader, 18.4x26 Tires (W3602)

Used Planting & Seeding

Deere 7000 Planter, 6 Row Conservation, Liquid Fert. (V3394)
AC 4 Row Planter, Dry Fertilizer, No-Til. (V2561)
AC 600 6 Row Planter, Dry Fertilizer, No-Til. (V9376)
Deere 12' Fertilizer Spreader. (V3351)
Deere 8350 Drill, 18x7, Single Disc, Fertilizer. (V3395)
Century 500 gal. Sprayer, Boom, Centrifugal Pump (V3361)
Chevy Truck w/Sprayer & Boom (V3551)

Used Combines (Most available with choice of heads)

IH 1460 Axial Flow, Hydro, Cab w/Air, 28Lx26 & 11.00x16, (Recond.) (U3539)
IH 715 Diesel Gear, Cab, 23.1x26, 1547 Hrs. (U2798)

Used Tillage

Krause 4133 Field Cultivator, 33' Flex-Wing (T3330)
Deere 220 Single-Way Disc, 18' 9" Spacing, Blades, 20" Front & 21" Rear. (T3290)
Deere 10' Transport Disc. (T3243)
IH 501 Heavy Duty Tandem Disc, 13' Cut, 10½ " Spacing, Blades, 21" Front & 21" Rear. (T3283)
IH 45 Vibra Shank Field Cultivator, 12' Trailing. (T3255)
Hutchmaster 10' Heavy-Duty Offset Disc, 10½ " Disc Spacing, Blades- 22" Front & 26" Rear. (T3502)
White 18' Tandem Disc, Manual Fold, 7½ " Disc Spacing, Blades, 18" Front, 17" Rear. (T3321)
AC 1200 Field Cultivator, 22' Hyd. Fold, Buster Bar, Rear Hitch. (T3391)
Glencoe Soil-Saver Slicer Chisel, 11 Shank. (T3139)
IH 710, 6F, 16" Auto Reset Plow, Semi-Mount. (T3244)
Landoll 7 Shank Slicer Chisel. (T3504)
Landoll 15 Shank Slicer Chisel, Hyd.-Fold, Buster Bar 18" Disc Blades. (T3274)
Brillion Model FC-01 Field Cultivator, 16' Manual Fold. (T3341)
Wil-Rich- 25' Flex-Wing Field Cultivator, Walking Tandem, 3 Bar Tine Mulcher. (T3453)
IH 45 Vibra Shank 18' w/Rear Hitch & Buster Bar Mulcher (T3432)
IH 314 Rollover Plow, 3 Bottom, 14" (C3014)
Deere 1700 Mulch Tiller, 13 Shanks (T3651)

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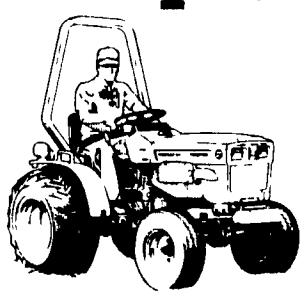

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USED TRACTORS

JD 4040, SGB, 4WD, Good	$17,500
JD 2750, 4WD, Good	$15,750
JD 2350, 2 Hyd., Like New, '86	$12,900
JD 4040, 4 Post, QR Trans.	$12,800
JD 4630, PS trans, cab, air	$12,500
JD 2550, 1200 Hrs., like new	$12,500
JD 2940 2 hyds., hi-low, nice	$12,000
JD 2640, Ind. PTO, 1981, Sharp	$11,500
JD 2040 dsl., 4WD, 1980	$10,600
JD 2840, 2 hyd, hi & low	$8,500
JD 2440 hi-lo w/new tires	$8,500
JD 2630, hi-lo, SOLD 600 orig. hrs.	$8,000
JD 3020 Dsl., WF, 2 Hyd. 72	$7,800
JD 4020 w/yr. round cab, 68 model	$7,500
JD 4020 Dsl., WF, Overhauled, '68	$6,200
JD 125 Dsl. ski SOLD er, '80	$5,800
JD 1520 diesel, overhauled, fair	$5,200
JD 1020 Dsl. Ind. PTO, Fair	$5,200
JD 2520 Gas, NF, Side Console	$4,500
JD 2510, NF Dsl., overhauled	$4,200
JD 2020 Dsl., 54 HP	$4,200
JD 3010 Dsl., WF, Original	$4,000
JD 2020 gas, good cond.	$4,000
JD 2510 gas, WF, nice	$3,875
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JD 318 Garden Tractor w/mower	$3,800
JD 4010 Dsl., NF, Good Runner	$3,800
JD 4020 Gas, NF SOLD	$3,600
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JD 3010 dsl., needs trans work	$2,300
JD 2R no-till co SOLD ter	$800
M & W Turbo Kit for JD 4020	$800
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750 gal. Sunset milk tank, $2,000
2 Badger barn cleaners, $500/pair
NH Blower, $125
NH Feed Grinder, $75
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IH 6R corn planter, $500
2 NH Balers, model 68, $500/pair
Schrader aluminum dump, $7,500
New-way air ride lift axle, $500
20x60 Madison silo w/Jamesway ring drive unloader, make offer
2 Behlen Grain bins w/auger, dryer, make offer.

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Case 530 commercial tractor w/loader, diesel in good condition $2,500
John Blue pull type sprayer, 300 gallon tank, newly overhauled pump $1,500
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JD 3155 MFWD 95 HP Loaded

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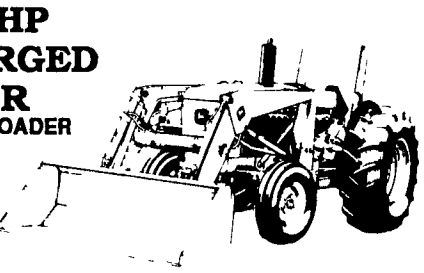
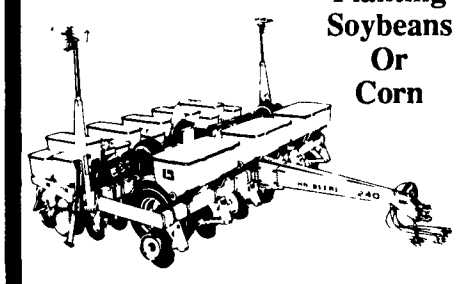
146 HEAVY DUTY LOADER
$21,850
(1 Only - Demo)



LET US PUT THIS COMBINATION TOGETHER FOR YOU FOR A GREAT YEAR END DEAL
The 146 Loaders provide simplified mounting and a frame that doesn't get in the way when the loader is off. The 146 now offers increased lift capacity (over 2,500 lb.) and break-out force (approximately 3700 lb.)

THE NO. 1 PLANTER IS NOW MAXI-EMERGE® 2

We've Got The Planting Accuracy You Need For Planting Soybeans Or Corn

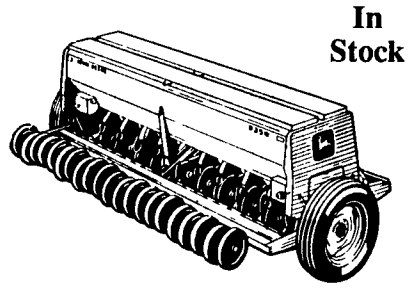


- It's a narrow row planter; it's a wide row planter — all in one! Plant 15-inch beans in the morning, then raise alternate row units for 30-inch corn in the afternoon. It's as simple as that! And you get accurate MaxEmerge® 2 seed placement, too.

YEAR-END BUYERS SAVE 3%! PLUS WAIVER OF FINANCE UNTIL APRIL 1, 1989

GOT BIG ACRES? GET THE BIG DRILL

Grain Drills And Soybean Special Drills In Stock



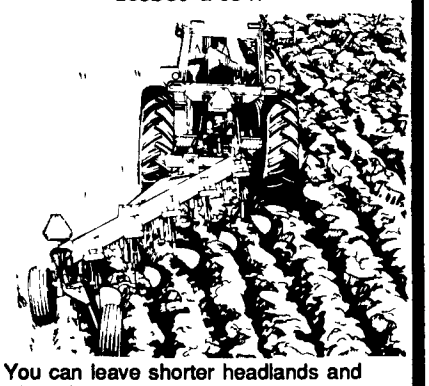
- Get a John Deere drill. Choose from the biggest capacity drill line on the market.
- You've got choices in feedcups, openers, gang press wheel attachments and depth gauging press wheels for soybeans.
- Customize your drill to match your drilling needs. 8- to 40-foot widths.. See us today for down-to-earth seeding accuracy.

BUY NOW - NO FINANCE CHARGES UNTIL MARCH 1, 1989

IN STOCK Model 8300, 23x7 13 Ft. With Adj. Depth Press Wheels Att. USED 200 ACRES
$5,950

CLEAN PLOWING

Cut Corners Closer With The Model 2700 Spring Reset Plow



- You can leave shorter headlands and plow closer to fences and other obstructions with John Deere 2700 plow. Unique hydraulic steering and a double-pivot hitch give you more positive, more accurate control.
- You can also adjust cutting width to match your horsepower to field conditions.

Cut A Good Deal On A Plow With Us!
JD 2700 6 Bottom Spring Plow (1 Only)
$7,995

Waiver Of Finance Until March 1, 1989

NEW TRACTORS IN STOCK

JD 2755 With Sound Guard Body
JD 2955 With 4 Post Roll Guard

GOOD USED EQUIPMENT

- JD 3020 Power Shift (Excellent)
- JD 3020 Synchro Range Diesel (Diesel)
- JD 1209 Mower Conditioner
- JD 346 Baler With 30 Ejector (Coming)

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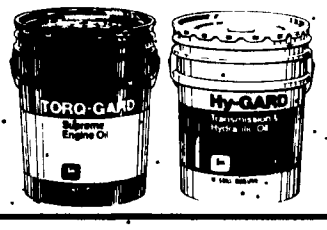
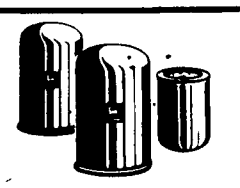
JD Grease (Case)
Reg. $14.00 SAVE $13.00

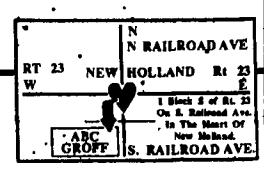


Oil Filters	Reg.	SALE
T19044	$3.25	$3.00
AR 43634	$7.40	$7.00
AR 75603	$3.99	$3.75

Oil	Reg.	SALE
Hy Gard 5 Gal.	$21.50	$20.50
Torq-Gard #30 5 Gal.	$21.00	$20.00
Torq-Gard #15-40 5 Gal.	$22.50	$21.50
Torq-Gard #30 (12 Qt. Case)	$18.00	$13.20
Torq-Gard #30 55 Gal.		$195.00
Hy Gard 55 Gal.		$195.00



SALE ON OIL AND FILTERS ENDS DEC. 31, 1988



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Sat. 7:30 AM to Noon

DEERFIELD Ag & Turf Center, Inc.

Full Line John Deere Sales, Parts And Service

Watsontown Exit Of I-180
Watsontown, PA
717-538-3557
1-800-553-3370

IH 384 tractor, good condition
JD 4430, 4 post, QR
(2) JD 7000 6 row conser. planter, dry fert., frame coulters, very good
IH 56 6 row planter, dry, good
JD 8350 18x7 grain drill
JD 830 SP,Windrower, 12'
JD 1209 mower conditioner
IH 1190 mower conditoner, good
NH 495 mower conditioner, 12',
NI 324 2 row wide corn picker, very good, $3,500
5' York rake, like new
JD 643 corn head
Ford combine w./plat., 3R corn head, $4,500

Mechanic's Special
JD 6600 Side Hill, $13,500

In Stock
New (2) 6620 Side Hill Combines
New (3) Row Crop Tractors, 4050, 4250

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

PIPE

NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

USED IH 1440 AXIAL-FLOW COMBINE

Electro-hydraulic controls, excellent condition, auto. header 5% financing or waiver of finance until 9/1/89. You can't beat our price. Price will be reduced further until sold

M & R Equipment, Inc.
New Park, PA
717-993-2511
717-246-1972

USED EQUIPMENT

JD 4000
826 D Cab Turbo
684 D RC w/2250 Loader
656 G 3 pt.
544 Dsl, Hydro
(2) IH 154 LoBoy w/ mowers
BN Tractor
IH 606 D 3 Pt.
F300 Gas
Farmall Cub w/Belly Mower
Allis B w/Woods Belly Mower
Farmall Super MTA
Farmall C
Farmall M
IH 370 Disk 12'
JD 13' Disc
Brillion 3 PT 7 Tooth Chisel
PTO Hydraulic Roll Mill
Used Cadets 10HP to 20HP
Rhino Bush Hog 7'
NI 323 Corn Picker

NEW EQUIPMENT

Amco Disk 10½'
Woods Mowers
Cub Cadets & Access.
Westfield Auger 8"x51'
2 pt. & 3 pt. Conversion Kits
8 ton & 10 ton Demco Wagons
Demco 500 gal. Sprayer
Worksaver 12" Post-hole Digger
Hay Tedders
3 Pt. Grader Blades
Cam Sprayers
Cement Mixer, 3 Pt.
Honda Engines

SMITH FARM EQUIPMENT
Newport, Pa.
Perry County
717-567-3562 or
717-567-6566

Eckroth Bros. Farm Equipment

case IH

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED COMBINES
Int. 915, late model
IH 1460 combine, real nice condition

USED EQUIPMENT
NI 600 forage box
NI #311 2 RW picker
McCormick #3 blower w/table
Int. 2 btm F.H. plow
Int. 175 manure spreader
Int. 642 roll over plow
Int. 5500 3 pt. chisel plow
IH #430 Baler
NH 479 haybine, nice cond.

USED TRACTORS
Farmall M w/wide front end, nice
Farmall Super M
Farmall BN
Int. 966 w/Cab
Ford 7610

NEW GEHL EQUIPMENT
309 manure spreader

SKID LOADERS
Mustang Model 310

Deutz Fahr hay tedders in stock
2, 4 & 6 star

MAGNUM TRACTORS HERE NOW!
7110 MFD
7120 MFD
7130 MFD

Nothing runs like a Deere

Tractors

IHC 4166 4WD, 2800 Hrs., Excellent, 3PT Hitch	Coming In
JD 30 SOLD PS, 4300 Hrs.	$ 7,500
JD 650 MFWD, PS, Outlets w/JD 365 Blade & Besco 3PT 60" Mower, 180 Hrs, Like New	$ 8,500
JD 4430 SOLD Air, PS.	$14,500
JD 60 w/PS.	Coming In

Combines

JD 6620 Side Hill 1982 w/4WD, 2000 Hrs, 216 Flex Head, & 643 Corn Head, Loaded One Of A Kind.	$58,000
JD 6620 Side Hill 1981 w/2500 Hrs., Nice	$34,900
JD 6620 Side Hill 1979 w/2400 Hrs, Nice	$34,900
JD 6620 Level Land 1979 w/2000 Hrs.	$24,900
JD 6600 Dsl 1978 w/3800 Hrs & New Motor	$ 7,850
JD 6600 Hydro 1976 w/2200 Hrs, Nice	$16,900
JD 55 w/Grain Head, Excellent.	$ 1,100
IHC 93 w/10 Ft Head.	$ 1,900

Corn Heads & Grain Platforms

(3) JD 443 Corn Heads	$ 3,900-$ 4,500
JD 444 Corn Head, Excellent.	$ 3,800
(2) JD 244 Corn Heads	$ 600-$ 1,000
JD 215 Rigid Platform, Black Reel, Excellent.	$ 4,600

Miscellaneous

JD 1550 Power Till Seeder w/Grass Seed Attachment, Nice	$ 3,950
JD Roll Guard w/Canopy To Fit JD Utility.	$ 500
JD 950 15 Ft Roller Harrow, Like New	$ 4,950
JD 100 Stack Mover	$ 1,000
JD 300 Husker, As Is	$ 4,000
Little Giant Elevator, 38 Ft. w/Motor & PTO.	$ 2,200
NI 325 Picker-Sheller	$ 3,400
JD #15 Mini-Excavator, 315 Hrs.	$12,000
Leyland Rotary Hoe	$ 500
IHC 110 Forage Wagon w/New McCurdy 8 Ton Chassis, Excellent	$ 3,400

Hay & Forage Equipment

NH 269 Baler w/Thrower	$ 1,800
JD 24T Baler w/30 Ejector.	$ 1,500
JD 3 Row Wide Forage Harvester Head	$ 2,600
JD 3960 Harvester w/2R Narrow & 5½ Ft. Pickup	Coming In

Coming In...
Field Queen Model 7600 w/2000 hrs., Cab, Heat, Air, 3R Narrow Corn Head, 7 ft. Pickup and AC 3 Row Snapper Head

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd. • Lititz, PA 17543
Phone: (717) 626-4705

DISCOUNT CASH & CARRY DAYS SALE

STILL IN EFFECT!

Now Thru Sat., Dec. 31st
AND
Tues., Jan. 3rd Thru Sat., Jan. 7, 1989

SEE LAST WEEK'S ISSUE, DEC. 10th, OF LANCASTER FARMING - PAGES D1 thru D19 and C38-C40 - For Details!

OPEN
Monday Through Friday
7:00 AM to 5:00 PM
Saturdays
7:00 AM to 12:00 Noon
(Including December 24th)
CLOSED: Monday Dec. 26th
Monday, Jan. 2nd

M.M. WEAVER & SONS, INC.

53rd ANNIVERSARY SALE DAYS

December 27 thru 31, 1988; January 3 thru 13, 1989

OPEN HOUSE on Wednesday, January 4, 1989 Closed Dec. 26, 1988 & Jan. 2, 1989

New challenger in the 90 hp class.

You're looking at the M-F 399, now with five more horsepower at your fingertips. It doesn't look any different. But it does give you the additional power to do 6% more work...or complete a job that much sooner.

Its smooth-running 90 hp* Perkins diesel engine and a near-perfect power-to-weight ratio enable the M-F 399 to handle good-sized implements with ease. It's available with either 2-wheel drive or 4-wheel drive that provides unrivalled traction and maneuverability.

The M-F 399's standard 12-speed synchro-mesh transmission will take on all your field and farmstead needs. You really should take a good, hard look at this 90 hp workhorse. Because five more horsepower makes the M-F 399 a bigger value than ever before.

**Manufacturer's PTO rated*

DO NOT WAIT!
We Sold 8 Already - Contact Us For Low Prices!

We Purchased 65 Rental Tractors From Massey Ferguson With Big Savings!
Contact Us Now For The Best Deal On Tractors With Low Hours At Used Prices.

90 HP 399 2 & 4 WD
80 HP 398 2 WD
70 HP 390 2 WD
35 HP 1045 2 & 4 WD
31 HP 1035 2 & 4 WD
26 HP 1030 2 & 4 WD

USED TRACTORS

90 HP MF 399 2 WD	$18,500
90 HP MF399 4WD	$22,000
80 HP MF398 2WD	$18,100
70 HP MF390 2WD	$15,900
35 HP MF1045 2 WD	$8,650
35 HP MF1045 4WD	$9,950
26 HP MF1030 2WD	$6,700
26 HP MF1030 4WD	$8,000
31 HP MF1035 2WD	$7,600
31 HP MF1035 4WD	$8,900
120 HP MF2705 Cab Air & Heat	$13,800
120 HP MF1135	$7,500
120 HP MF1130	$5,000
135 HP MF1150 Cab	$5,900
80 HP MF1080	$5,700
80 HP MF1080	$3,800
67 HP MF275	$7,200
42 HP MF235	$5,500
68 HP MF Super 90	$1,800
50 HP MF65	$1,700
Industrial 50 Tractor Loader Backhoe	$12,500
82 HP MF285 With New Tires & Engine Overhaul	$9,500

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23 1 · miles Northeast of Leola on the No Groffdale Rd 1 mile on the right opposite Groffdale Mennonite Church

53rd ANNIVERSARY

SALE

December 27 thru 31, 1988
January 3 thru 13, 1989

MF TRACTOR HEADQUARTERS

Biggest and Best Sale

Get 7.25% APR M-F financing for 36 months.

You'd expect the biggest values from the Western World's biggest tractor manufacturer, and you won't be disappointed.

We've got the best lineup of compact tractors we've ever offered, from 16 to 35 hp* with 2 or 4-wheel drive and standard or hydrostatic transmissions.

And now you can get them with special 7.25% M-F financing.

Stop in today and drive home your best deal on M-F compact tractors and implements. But hurry, offer ends January 31, 1989.

* Manufacturer's rated engine horsepower

NEW AND USED IMPLEMENTS

Tag	Brand	Model	Machine	Sale Price
NB3976	MF	676	Blower	$2,200
NB3977	Grimm	S-8	Tedder	$1,620
NB6047	Pequea	710	Tedder	$1,275
NB6048	MF	585	P.T. 5-Bar Rake	$2,350
NB6049	MF	775	Swather Auger Head	$700
NB6053	MF	41	Mower	$2,250
NB6072	J-Bar	L C 4	Finger Wheel Rake	$475
NB6074	J-Bar		Disc Mower	$2,500
UP5153	81 MF	345	Plow	$2,400
UP5153	MF	345	Plow	$2,500
UP5131	IH	63	4 Row Fast Hitch Cultivator	$650
UP5919	MF	620	12' Disc Harrow	$1,800
UP5921	MF	55	2/16 Plow	$250
UP6004	Ferg		3-14 Plow	$90
UP3973	Landoll	875	11' Field Cultivator	$2,800
UI5114	Dunham	22	Loader	$1,500
UI6006	MF	110	Spreader	$450
UI5972	MF		6' Rotary Cutter	$250
UI			Tye Drill	$8,500
UI6007			Wagon	$100
UI6079	Zimmerman		Grain Cart	$75
UB5971	MF	54	Blower	$650
UB5435	MF	3	Baler w/Thrower	$550
UB5944	MF	128	Baler w/Thrower	$1,900
UB5111	AC		Forage Wagon	$800
UB5133	Lit. Giant		26' Elevator	$600
UB6005	MF	41	Mower	$750
UB6062	JD	336	Baler	$2,200
NI5189	J-Bar		6 ft. Box Scraper	$300
NI5186	York	75	8 ft. 3 pt. Blade	$1,075
NI5182	MF	1028	48" Box Scraper	$320
NI3965	Woods	M721	6 ft. 3 pt. Rotary Mower	$1,050
NI5184	J-Bar		7 ft. 3 pt. Blade	$295
NI5185	J-Bar		8" HD 3 pt. Blade	$750

Tag	Brand	Model	Machine	Sale Price
NI5187	York	75	7 ft. 3 pt. Blade	$1,000
NI5188	Myer	C-8	8 ft. Snow Plow	$1,400
NI5193	J-Bar		6 ft. 3 pt. Yard Blade	$380
NI5005	J-Bar		Soil Scoop	$175
NI5190	Worksaver	EB6-3	6 ft. 3 pt. Blade	$225
NI5191	Worksaver	RB7582	8 ft. 3 pt. Blade	$700
NI5192	J-Bar		7 ft. 3 pt. Yard Blade	$295
NI5198	Dunham	30	Loader	$2,750
NI5194	J-Bar		6" 3 Pt. Yard Blade	$380
NI5195	Tr. Blazer		3 pt. Bale Fork	$150
NI5197	Dunham	22	Loader	$3,350
NI3960	Danuser	MD6	Post Driver	$1,650
NI3962	J-Bar	Condor	6 ft. Rotary Cutter	$675
NI3963	Danuser	MS-I	Wood Splitter	$780
NI3969	Brady	5072	6 ft. Flail Chopper	$2,500
NI3976	Woods Dix.	M-5-4	5 ft. 3 pt. Rotary Cutter	$900
NI3972	EZ Flow	475	Grain Cart	$6,400
NI3978	EZ Trail	672		$500
NI3979	EZ Trail	872-W		$925
NI3980	EZ Trail	1074		$1,150
NI6040	Woods	RM500	3 ft. Mower	$1,325
NI6054	J-Bar		Condor 6' 3 pt. Rotary Mower	$575
NI6056	Danuser		Post Hole Digger	$675
NI6060	Woods	214	Rotary Cutter	$3,800
NI6075	Woods	RM59	Rotary Cutter	$1,000
NI6076	Woods	RM600	Rotary Cutter	$1,650
NI6077	Woods	Cad. 84	Rotary Cutter	$1,925
NI6078	Woods	Dix M5	Rotary Cutter	$900
NP5200	Sovema	L120	4 ft. Rotavalir	$1,075
NP5108	Sovema	L120	4 ft. Rotavalir	$1,075
NP3970	Dunham	40	12 ft. Culti Packer	$1,725
NP3994	Noble		4-Row Cultivator	$1,700
NP6061	MF	43	2-16 Plow	$800

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd , 1 mile on the right, opposite Groffdale Mennonite Church

SALES DAYS

53nd ANNIVERSARY

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

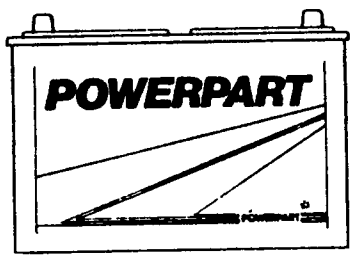
Dec. 27 thru 31, 1988; Jan. 3 thru 13, 1989

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon

All Items Subject To Availability

WINTER SALE ITEMS

NEW! Powerpart Batteries



Check Your Battery Needs Here And SAVE!

BATTERIES & ACCESSORIES

- 60 Mo. Group Size 27, 12V - For Diesel Power (630 Cold Cranking)
  List $70.50 **SALE $59.90**
- 72 Mo. Group Size 24, 12V - For Gas Tractors, Cars, Trucks (650 Cold Cranking)
  List $71.35 **SALE $60.90**

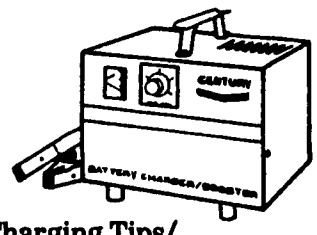
Batteries for all your farm needs, up to a 72 month warranty!

[redacted]

– All Other Batteries In Stock –

20% OFF LIST

BATTERY CHARGERS



PS902 6/2 Amp Manual 6 & 12 Volt **$25.50**

PS904 10/2 Amp Manual 6 & 12 Volt **$34.00**

Features: Product Info/Charging Tips/ Warranty/Retail Tips

STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

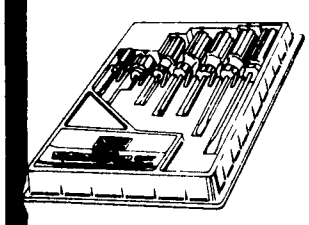
- HOT SHOT, 11 Fl. Oz. ..... SALE 95¢ Ea.
- Case Lot $11.88 LESS 5% $10.83

FPPF POLAR POWER

Cold Weather Diesel Fuel Treatment

8 Fl. Oz. Treats 60 Gal. **$2.50**

SCREWDRIVER SET



The 7 Piece Screwdriver Set. The Set Contains: 4", 6" and 8" Round Blades, No. 1 Phillips, Stubby Screwdriver, Pocket Screwdriver Plus A Plastic Tray. The Blades Are Made From High Grade Chrome Vanadium Steel and Are Precision Cross Ground and Polished. Large Handles Are Made Of High Impact Plastic

SALE $8.25

LUBRICANTS

Selling Hydraulic Fluid Right Off The Trailer!

Offering The Lowest Prices....

[redacted]

UNIVERSAL HYDRAULIC FLUID

PERMATRAN III

Universal extreme pressure transmission & hydraulic fluid.

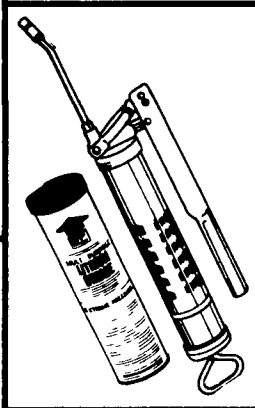
Stock One Oil For All Your Farm Equipment

Lubricants

Permatran III Oil

	SALE	Cost Per Gal.
2½ Gal. Container	$11.72	$4.69
5 Gal. Container	$20.68	$4.14
55 Gal. Container	$220.47	$4.01

Buy 2 Drums & Receive An ADDITIONAL 5% DISCOUNT



GREASE AND GREASE GUNS

	SALE
• Single Tubes	99¢
• 10 Pkg. Grease Cart	$8.60
• 50 Pkg. Grease Cart	$40.85

GREASE GUNS

• Lever Action, 1902-683 M92	$7.52
• Pistol Action 1904-778 M91	$10.89
• Grease Hose	$3.05

MF FILTERS

Lube, Fuel, Air, Hydraulic

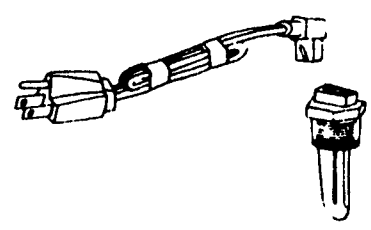
Don't fall for look-a-likes - use Massey-Ferguson filters for better & longer engine life.

LUBE & FUEL FILTERS

20% OFF All Filters

Case Lots Of 12...*ADD'L. 10% OFF*

BLOCK HEATERS



10% OFF

Open DOOR

First Prize
Model 8500 Pressure Washer

2nd Prize: MF Model 3070 Toy Brass Tractor

3rd Prize: 10 Lb. Fire Extinguisher

4th Prize: MF Cross Pen & Pencil Set

5th Prize: 5 Lb. Fire Extinguisher

6th Prize: MF Toy Combine

7th Prize: Pistol Action Grease Gun

8th Prize: 10 Pkg. Grease Cartridge

9th Prize: 5 Lb. Hand Cleaner

POWERPART CHEMICALS

Work faster and easier with Powerpart Chemicals. Clean, lubricate, seal and condition with our full line of chemicals. For field, shop and home use.

20% OFF Full Line Of Competitive

Frees All Rusted, Frozen

POWERPART PAINT

Put On A Fresh Look With Our Powerpart Paint Available In Quarts, Gallons And Aerosol Cans.

GRIT HAND CLEANER

Get a FREE 16 oz. sample of POWERPART Grit Hand Cleaner when you purchase a 1 gallon pump container. Handles Grime - Nice to your Hands!

$1

CHAIN

10% OFF

On 10 Ft. Only

10% OFF ON ALL OTHER PARTS

Sold Over Counter From Dec. 27 to Jan. 13, 1989

★ *Cash And Carry* ★

MASSEY-FERGUSON

M. M. WEAV

LEOLA, PENNA. 17540

PHONE: 717-656-2321

OPEN HOUSE

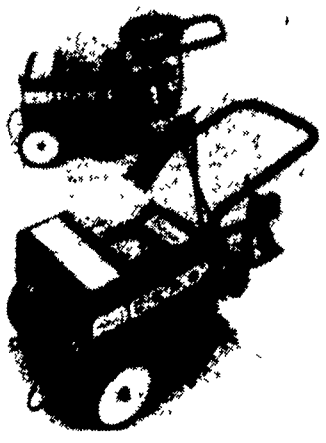
SPECIAL 1 DAY ONLY - WEDNESDAY, JANUARY 4, 1989

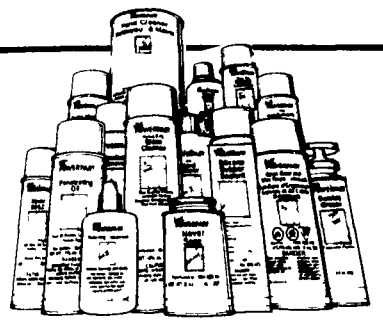
LUNCH WILL BE SERVED 11-2

Maintenance and Operation Seminars
10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

House PRIZES

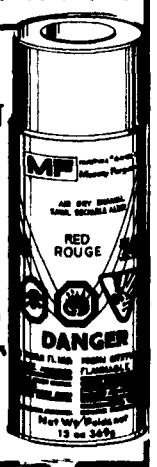




egular Price

ality Chemicals At
itive Prices
Or Corroded Lugs & Bolts

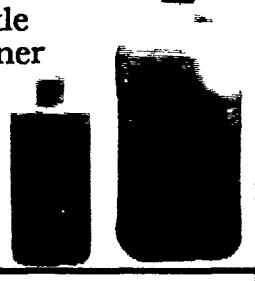
MASSEY FERGUSON PAINT
Increases The Resale Value Of Your Machine With Massey Ferguson Paint!
20% OFF Regular Price



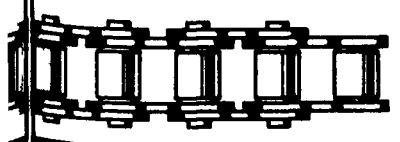
CLEANER

queeze Bottle
Hand Cleaner
1 gallon
on

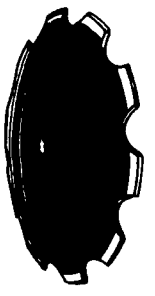
0.99



oose The Quality, Price & Size Chain & Links You Need. We er Domestic Chain.



Disc Blades

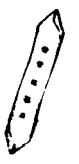


- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center hole sizes available to fit non Massey-Ferguson machines

Number	Dia	Disc.	Shaft Sizes	SALE
• PS 45049	22"	¼ " Plain	1 1/8 Sq. x 1¼ Sq.	$20.82
• PS 45050	22"	¼ " Notched	1¼ Sq. x 1½ Rd.	$19.36
• PS 45045	22"	6 Plain	1¼ Sq. x 1½ Rd.	$20.12
• PS 41045	22"	6 Plain	1 1/8 x 1¼ Sq.	$20.12
• PS 41015	18"	7 Ga. Plain	1 1/8 x 1¼ Sq.	$10.23
• PS 46063	24"	¼ " Ga. Plain	1½ Sq. x 1¼ Rd.	$28.19

We Have Other Sizes
Check For Your Needs And Prices

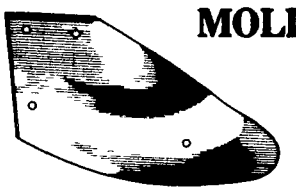
WEATHERED TWISTED CHISEL POINTS



- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

DF4995R	3x½ x22 R.H.	$6.50
DF5995L	3x½ x22 L.H.	$6.50

TILLAGE PARTS SALE



MOLDBOARD PLOW PARTS

Direct Shipment From Manufacturer To Us Allows For These LOW PRICES

There Is A Difference: 3 Layers Of Steel For:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

16 INCH 4 BOLT PLOW SHARES

	O.E.M.	SALE
• 475-167 M1 Reg. Share Long	$12.77	$8.07
• 475-715 M1 Heavy Duty Short	$20.79	$9.22
• 475-716 M1 Heavy Duty Long	$23.11	$9.29
• 661-869 M91 Trashboard	$38.18	$11.70
• 1073-594 M1 Shin	$11.81	$7.65

MOLDBOARDS

• 660-022 M91 14"	$129.67	$51.02
• 660-206 M91 16"	$118.66	$53.20

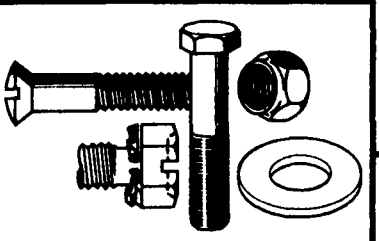
ALL OTHER PLOW SHARES, LANDSLIDES, SHINS AND MOLD BOARDS NOT UNDER DIRECT SHIP PROGRAM ARE 20% LESS

Plus The Best Warranty In The Industry!

GLENCOE 20" COULTER DISC

PS4422.....$17.55

HARDWARE
$1.50
Per Lb.



Save! Buy Per Pound Or Piece.

Grade 5 Chrome Plated Hardware Available By The Pound Or Packaged.

R & SONS, INC.

d: 4 miles west of New Holland on Route 23, one and alf miles northeast of Leola, on the North Groffdale one mile on the right, opposite Groffdale Mennonite

FIRE EXTINGUISHERS

Don't be caught without protection!

Install reliable Massey-Ferguson Fire Extinguishers in your home, the barn, animal pens, on tractors and combines. They're made of Heavy duty carbon steel with non-corrosive parts, inside and out, and operate with positive on-off squeeze grip; feature easy reading waterproof gauges.

	List	SALE
2004A91	$24.24	$21.82
20005A92	$36.21	$32.59
20006A91	$57.03	$51.33

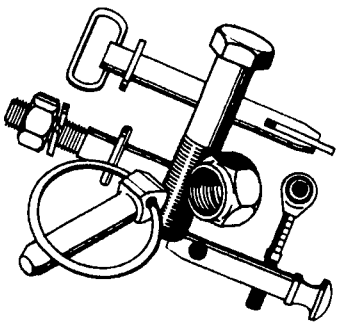
10% OFF REGULAR PRICE

★ Bring Your Own Containers Get Bulk Price
"BUY QUALITY"

QUAKER STATE MOTOR OIL

HARDWARE AND HITCH PINS

Grade 5 Hardware
$1.50 Lb



HITCH PINS w/RETAINER CHAIN

Number	Length	Dia.	SALE
30-151E91	6¼ "	3/4"	$4.26
30-152E91	6¼ "	7/8"	$5.64

HITCH PINS W/PRESTO PIN

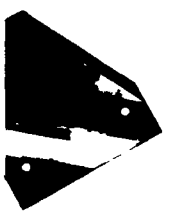
30-281E1	6¼ "	3/4"	$2.33
30-282E1	6¼ "	7/8"	$2.96

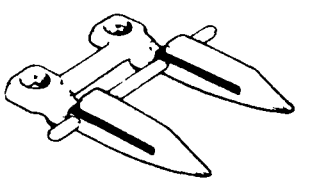
CUTTER BAR PARTS

It Takes Two Sharp Edges To Cut
Combine Guards!

CUTTER BAR PARTS & SECTIONS

Number	List	SALE
• PS 412132 Rigid	$1.14	63¢
• PS 112001 Floating	$1.12	58¢
• PS 623011 Power Cut	$1 28	$1.00

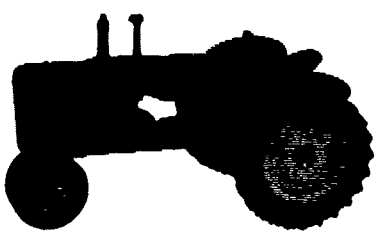




GUARDS

30-031E1 NH Haybine	$5 99	$5.39
30-039E1 Floating	$6.16	$5.54
228-392 M1 Rigid	$8.38	$7.54

TOYS!
10% OFF Dec. 12



Until Christmas!

M.M. WEAVER & SONS, INC.

53rd ANNIVERSARY SALE DAYS

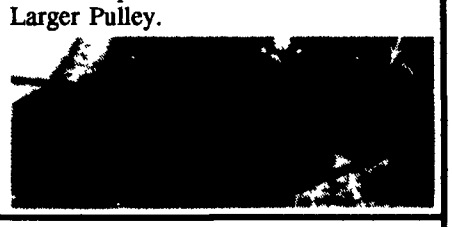
December 27 thru 31, 1988; January 3 thru 13, 1989

OPEN HOUSE on Wednesday, January 4, 1989

NEW COMBINE PARTS & ATTACHMENTS AT DISCOUNT PRICES

Increase Knife Sickle Speed 100 Cuts Per Minute By Installing Larger Pulley.

List Price $61.00
SALE
$30.00



Slow Cylinder Speed Kit For Harvesting Beans and Sunflower with 750, 760, 850, 860 Combines

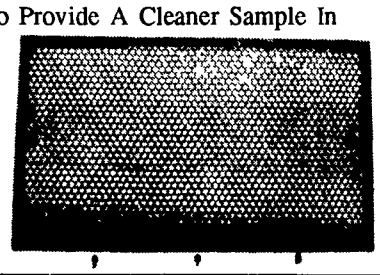
List $226

SALE
$20

Round Hole Sieve Can Be Placed In Front Of Lower Sieve To Provide A Cleaner Sample In Grain Tank

List $84.00

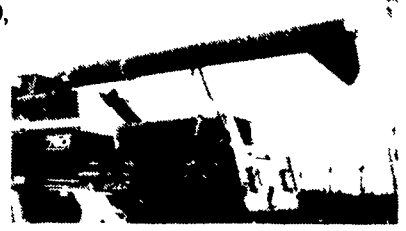
SALE
$75



Unloader Pipe Extensions Are Especially Recommended For Use With Wide Headers And Extra Heights For Loading Trucks For 750, 760, 850, 860 Combines

List $391

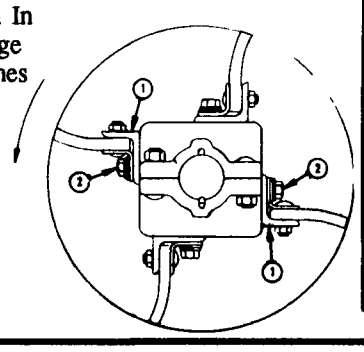
SALE
$200



Difficult Feeding Conditions May Warrant The Installation Of Additional Paddle Assemblies Or Keep Extra On Hand In Case Of Rock Damage For 760, 860 Combines

Parts List
$104.00

SALE
$35.80



Tall Corn Dividers Reduce Chance Of Losing Corn Over The Sides Of Corn Head

List $53.00

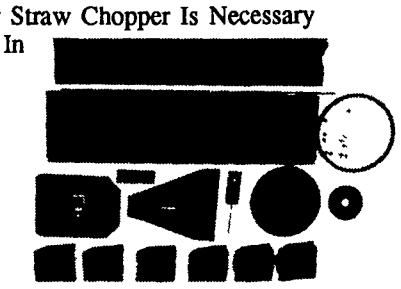
SALE
$15.00

Complete Fanning Mill Screen Are Used To Prevent Large Corn Leaves From Being Pulled Into Cleaning Fan

List $86.75
SALE
$40

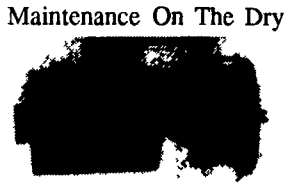
Slow Down Kit For Straw Chopper Is Necessary If Chopper Is Used In Corn. Available For 750, 760, 850, 860 Combine

List $426.00
SALE
$300



Engine Pre Cleaner Reduces Maintenance On The Dry Air Cleaner Element

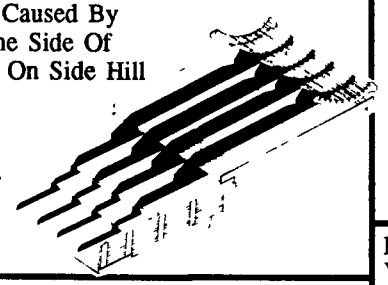
List $158
SALE
$85



Used To Prevent Seed Loss Caused By Material Sliding Over To One Side Of Grain Pan And Shaker Shoe On Side Hill Operation

List $82

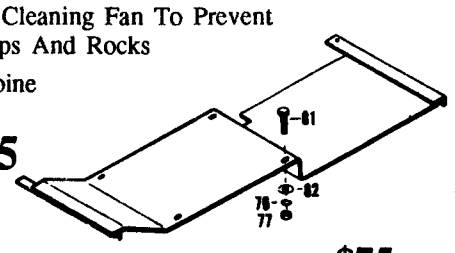
SALE
$25



Bottom Shields For Cleaning Fan To Prevent Damage From Stumps And Rocks

750-850 Combine
List $112
SALE **$65**

760-860 Combine List $114 SALE **$75**



Electro Header Clutch Allows The Operator On A 510 or 550 Combine To Stop Header Quickly

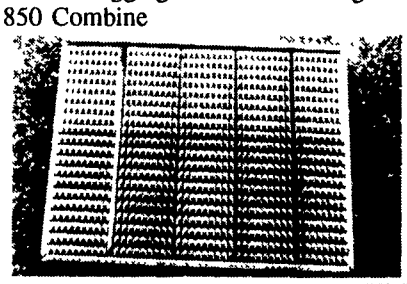
List $644

SALE
$325

Wide Spacing Adjustable Sieve Do A Better Job Of Cleaning Without Plugging When Harvesting. Corn For 750, 850 Combine

List $267.50

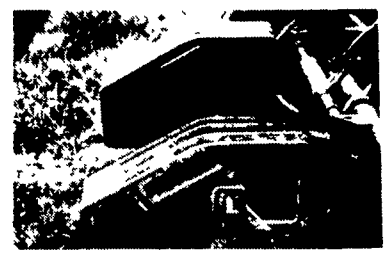
SALE
$120



To Maintain Proper Steering Control With Heavy Heads Add Weights On Rear Of Combine 510/550 Weight Frame

List $107
SALE **$75**

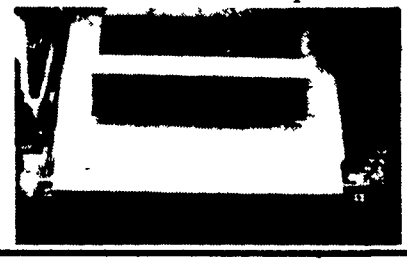
Weights
List $60
SALE **$45**



Complete New Paddle Elevator For 860 Combine Includes All Elevator Paddles & Fibre Slip Clutch

List $4,000

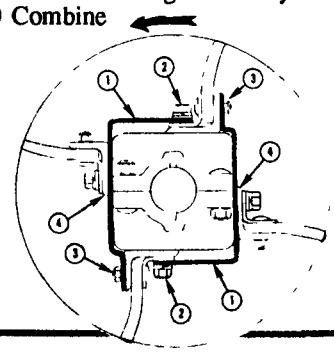
SALE
$2,500



Paddle Elevator Shields Assist Feeding In Weedy Or Viny Growth 750, 850 Combine Per Set

List $90

SALE
$40



USED COMBINES

Tag	Year	Brand	Model	Sale Price
UC4908	74	MF	510 Combine	$3,500
UC5117	70	MF	510 Combine	$2,800
UC4821	74	MF	760 Combine	$7,500
UC4893	77	MF	750 Combine	$14,000
UC4928	77	MF	750 Combine	$12,000
UC5107	75	MF	750 Combine	$7,500
UC5173	77	MF	750 Combine	$1,200
UC3144	80	NI	801 Combine	$17,500
UC4935	78	JD	7700 Combine	$9,000
UC5174	78	MF	760 Combine	$14,000
UC5151	69	MF	510 Combine	$3,500
UC5476	75		510 Combine	$2,000
UC3085	74		760 Combine	$7,500
UC5560	78	MF	760 Combine	$14,000
UC5931	73	MF	760 Combine	$10,000
UC5958	80	MF	550 Combine	$12,500
UC5961	66	Case	660 Combine	$2,000

Tag	Year	Brand	Model	Sale Price
UC5952	80	MF	760 Combine	$20,000
UC5934	73	MF	510 Combine	$8,500
UC4908	73	MF	510 Combine	$5,500
UC5985	76	Gleaner	F2 Combine	$3,500
UC5930	77	MF	760 Combine	$5,500
UC5994	72	MF	510 Combine	$1,900
UC4825	84	MF	850 Combine	$25,000
UC	84	MF	850 Combine	$25,000
UC5999	81	MF	540 Combine	$12,000
UC	77	MF	760 Combine	$10,500
UC6001	70	MF	410 Combine	$2,500
UC6063	75	JD	4400 Combine	$2,800
UC6064	75	MF	750 Combine	$7,500
UC6066	78	MF	760 Combine	$12,000
UC6071	79	MF	760 Combine	$15,000
UC6067	76	MF	300D Combine	$5,500

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd, 1 mile on the right opposite Groffdale Mennonite Church

Cowan Equipment
Martinsburg, PA
814-793-4293 Day or Evening

JD 2950, 38" rubber, excellent
JD 4440, cab & air, power shift
JD 4240, cab & air, quad range
JD 2940, cab & air
JD 2940, 4 WD..... $15,500
JD 2940, 2 WD, sharp $13,000
JD 2840, excellent
JD 2640, 1980, sharp
JD 4430, power shift, fender tractor
JD 4030
JD 4020, power shift, side console
JD 4020, original paint, narrow front $6,750
JD 3020 diesel
Oliver 1850 diesel $6,000
IH 1066, New torque, excellent $7,500
IH 560 diesel
Farmall 340 w/2 btm. plow
AC 200.....$4,500
MF 124 baler w/kicker
JD 450 w/blade.....$8,750
JD 350B Crawler Loader
JD 450 Crawler Loader
JD 450B Crawler Loader
JD 450C w/6 way Blade
JD 310A Backhoe, 78 model
Bobcat 825 diesel
Bobcat 643 diesel
Roll guard for 2950..... $650
JD roll guard cab.....$1,000

NEW EQUIPMENT
TRACTORS
JD 755, 4WD
JD 855 2 & 4 WD
JD 750, 4WD
JD 850, 2WD & 4WD
JD 950, 2WD & 4WD
JD 900 HC
JD 2755
JD 2955 SG 4WD

PLANTING EQUIPMENT
JD 7000 Cons. Pltr. 6R
JD 7200, 4R Vacuum Planter
JD 7200, 6R Vacuum Planter

TILLAGE EQUIPMENT
JD 1010 Field Cult.
JD 710 Mulch Tiller, 8'9"
JD 415 Rotary Hoe

HAY TOOLS
JD 338, 348T Baler
JD 662 Rake
JD 1217, 1219 Mower Conditioner

OTHER EQUIPMENT
JD 175, 245 Loader
JD 506, 603, 709, 1008, 1508 Rotary Cutters
JD 350, 450 Spreader

USED EQUIPMENT
JD 3300 Combine w/13' Platform
IH 715 Combine w/743 C.H. & 810 Platform
AC 8030 Tractor w/ Cab, PS, 2385 Hrs.
JD 950 Roller Harrow 12'
Fox 2000 Field Harvester w/2RW C.H. & 7' Mower Bar
JD 7000, Conservation 6R Planter, Dry Fert., Dual Rate Monitor
NH 276 Baler w/Thrower
NH 275 Baler w/Thrower
NH 273 Baler
JD 215 Disk Harrow, 14'3"

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JAMESWAY

Quonset Buildings **I.G. SALES**
Silverdale, PA 18962
215-257-5135
Toll Free Number 1-800-255-9197

WHITE FARM EQUIPMENT
G & D REPAIR
Your Factory Authorized White Dealer
RD 5 Penryn Rd , Manheim, PA 717-664-2207

Fall Special
W.F.E. 2-65 2 wd Tractor Selling At A Price You Can Not Afford To Miss

Quality Is Our Game - Service Is Our Aim

We Have A Good Selection Of Christmas Toys At Reasonable Prices

NEW TRACTORS
140 4WD
2-65 w/Loader
43 4WD
37 4WD
21 w/Turf Tires

USED TRACTORS
JD 4440 P.S.
JD 2840 Original, Nice
Oliver 1755D Complete Engine Rebuilt
Oliver 1755D
Ford Jubilee (nice)
JD 60

MISCELLANEOUS
Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
JD 343 Corn Head
1 Set of Pallet Forks
1 Used 12x38 rear tractor tire

TILLAGE EQUIPMENT
New White 3-4-5 btm. plows
New White 435 disk chisel
New White 273 Disk 17'10"
(2) New Kewanee Field Cultivators 15' & 18'
New Kewanee 1175 Disk 17 ft.
New Kdewanee 775 Disk 14 ft.
Used JD 210 disk
Used 7 Tooth Glencoe Chisel Plow
IH 450 3 Bottom Mtd. Plow Auto/Reset

HARVESTING EQUIPMENT
New 8-10-12 ton running gears
New Hay Tedders
New Bale Wagons
New Forage Boxes
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head
Oliver 25 Combine

PLANTERS
New White 4&6 R No-til
Used JD 7000 6R w/Dry Fertilizer & Monitor

All Steel Frame Hay Wagon, 8x18
.All Sizes, Steel Hay Feeders
24' Feeder On Whls.
Self Locking Panels
J & L EQUIPMENT
St. Thomas, PA
717-369-2637

McKee 2 Stage
7 Ft.,
Snow Blower
3 Pt. Hitch
Excellent Condition
MANOR EQUIPMENT, INC.
Wheatfield Rd. R.D. 8
Sinking Spring, PA
215/678-0828

Ford
FORD
NEW HOLLAND

FORD TRACTORS
New 3910
Used 4000, PS
Used 4000, PS, 4 Cylinder
Used 4000 Dsl.
Used 1710, 4WD, PS
Used 861
Used 860
Used 9N

NEW HOLLAND
New 28 Forage Blower
Used 36 Crop Chopper
Used 33 Crop Chopper
Used NH 1495 SP Haybine
Used 479 Haybine
Used 489 Haybine
Used 272 Baler w/Super Sweep Pickup
Used 273 Baler w/Super Sweep Pickup
(2) Used 56 Rake

OTHER TRACTORS
New Bolens G152 Dsl.
Used AC WC
Used Case 611 B Tractor
Used Farmall BN w/ Cultivators
Used Farmall H
Used Ferguson T030

OTHER EQUIPMENT
New Kuhn Disk Mower Conditioner
New Ford 150 Mtd. Moldboard Plow
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow
New Ford 208, 12' Field Cultivator
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New NI 406 Rake
New Work Saver 3PTH Cement Mixer
Used JD 450 Manure Spreader
Used 12' Lift Type Harrow
Used Ford 311 Corn Planter, 4R
2R Corn Head to fit IH 550 Harvester
Tye 80" Pasture Pleaser No-till Drill
Used Brillion 12' Pulverizer

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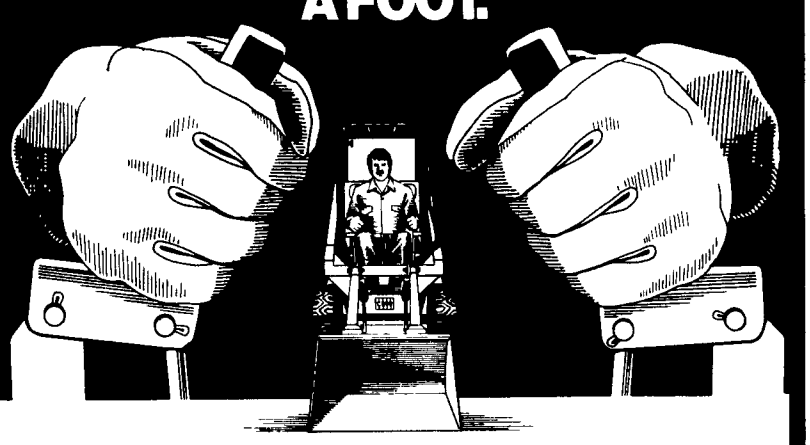
MOVE MOUNTAINS WITHOUT MOVING A FOOT.



Case Uni-Loader* skid steers not only out dig out lift, out carry and out load most others they also take a big load off your feet Thats because speed direction and all loader functions are controlled by two hand levers You can maneuver easier and work faster There are other advantages, too self-leveling loaders, simple external chain-tension adjustment separate hydraulic and chain/sprocket oil systems reduce maintenance and downtime Let your hands do the working with a Case Uni-Loader skid steer the easy way to get a handle on tough chores

Choose From These Models...
- 1818
- 1825
- 1835C
- 1845C

See us today for Uni-Loader* skid steers, with convenient one-stop service and flexible financing programs

See us for Uni-Loader skid steers

Special Prices On All Models Case-IH Skid Steer Loaders

Extra Special Price On 1835C Gas Models Only!

ZIMMERMAN'S FARM SERVICE
½ Mile West Off Rt. 501 On School Rd., Bethel, Pa.
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case IH

NEW! BOLTS IN STOCK By The Pound NEW!

USED EQUIPMENT

TRACTORS
- Long 42 Hp. w/Loader
- Case 995 w/Cab
- Case 430
- Case 1030
- Case DC Tractor
- Case 2390 Tractor
- 1390 Case Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- Oliver 1755
- IH 3388
- IH 3788

LOADERS
- Bobcat 731
- Case 1830
- Case 1845 Diesel
- Case 580 Loader Backhoe
- Case 1830 Uni-Loader
- Owatanna Skid Loader—$1,500
- NH 555 Skid Loader
- JD 70 Skid Loader

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 705 Uni-Tractor
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester
- Int. 234 Picker
- NH 774 4-Row Cornhead

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NH 488 Windrower
- NH 499 Haybine
- Hesston PT 10
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- NI Rake
- NI 456 Round Baler
- NI 484 Round Baler
- IH 27 Baler
- IH 445 Square Baler
- NI 565 Square Baler
- 7 Hay Wagons
- Ford 618 Blower
- Hesston 620 12' Head

TILLAGE
- Rhino 7-Tooth Soil-Saver
- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- JD 18 Ft. Field Cult.
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker
- Vicon Rotary Harrow

MISCELLANEOUS
- NH 40 Ft. Elevator
- King Wise 32' Elevator
- NH 36 ft. Elevator
- Gehl 99 Blower
- IH 56 Blower
- Automatic Roller Mill
- IH No. 10 13-Disc Drill
- JD 7000 4-Row Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- Gehl 350 Spreader
- Martin 1575 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- IH 510 16x7 Grain Drill
- Ontario Drill

HESSTON FARM EQUIPMENT

NEW SPECIAL NEW IDEA 404 WHEEL RAKE $1,250

NEW IDEA

case IH

ZIMMERMAN'S FARM SERVICE
½ Mile West Off Rt. 501 On School Road,
Bethel, PA
Phone 717-933-4114

DEUTZ ALLIS

FORD NEW HOLLAND

We wish to thank all our customers for allowing us to help them with their equipment, parts & service needs. It was our pleasure. We wish you a Merry and a Christ Filled Christmas and a happy and successful year in 1989. Hope you will continue to let us serve you.

TANAKA Badger

BHM Farm Equipment Inc.

RD 1, Annville, PA

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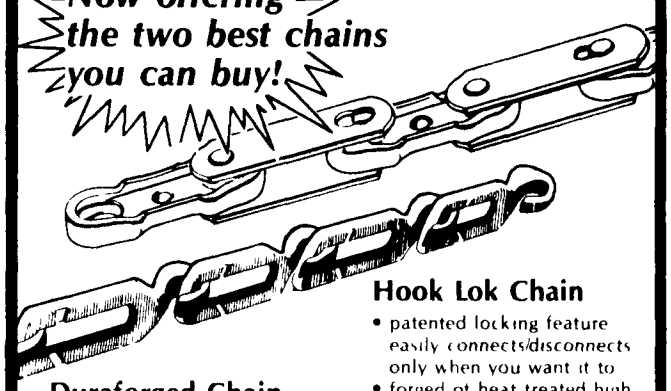

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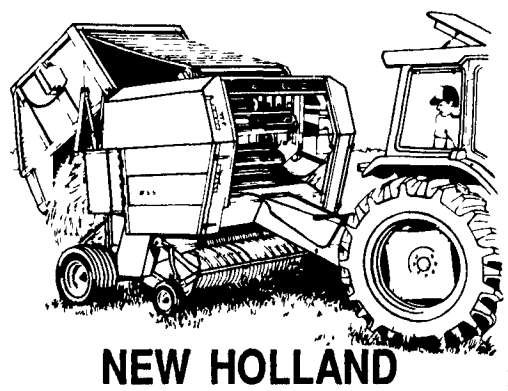

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Makes 1200 lb. bale 2 pick-up wheels, flotation tires, reverse drive, bale ejector, memory wrap

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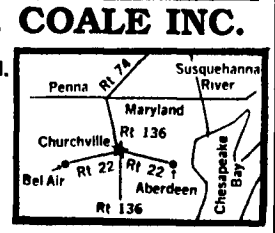

JOHN DEERE bobcat

Bobcat 530, 48" bucket..... $5,000
1987 Bobcat 743, 60" Bucket..... $12,000
Bobcat 943, 78" Bucket..... $20,000
Bobcat 2000 Articulate Loader, 66" Bucket..... $16,000

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- JD 4520 tractor, new tires
- JD 8300, 21x7 Single Disk Grain Drill
- (2) JD 1209 mower conditioner
- Farmall 706 Gas Tricycle 3 PTH
- MF 43, 4R Corn Head
- 1R Snapper head for 3940 JD forage harvester
- 2 row Champion potato harvester w/ motor
- JD 125 skid loader
- Woods C80 pull type rotary mower
- JD 896 parallel bar rake
- JD 125 chuck wagon on 1065 running gear
- JD 4 RW Row Crop Cultivator

Used Lawn Tractors

- 214 w/38" Deck w/Bagger
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- 180 w/46" Deck, Gear Drive
- Snapper w/Mower & Blower

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Chambersburg, PA 17201

JOHN DEERE

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Tractors: 2755; 2855 N "Orchard"; 4250 SG PS MFWD, 4250 SG PS

Compact Utility Tractors: 655, 850, 850 MFWD

Combine: JD Grain Head, 213 Flex.

Balers: 430, 338, 328.

Rakes: 672.

Corn Planters: 7200, 6R Cons.

Forage Harvesters: 3950; 3950 w/Iron Guard, 3970 w/Iron; 2RN & 3RN Heads

Mower Conditioners: 1219 w/ Dbl. Windrow; 1460.

USED

- JD 4250, SG, PS
- JD 4250 SG, PS, MFWD
- JD 2440 w/145 Ldr.
- JD 2240 MFWD
- JD 750, 67 Hrs.
- JD 850
- JD 210 Disk
- JD FBB 13x7 Drill
- JD 300 Husker w/244 Head
- JD 343 Head
- JD 2RN New Style Corn Head
- JD 14 Skid Loader
- (3) JD 336 Balers
- JD 3800 Harvester
- JD 3960 Harvester
- JD 35 Harvester w/Heads
- JD 1209 Mower Conditioner
- (3) JD 716 Forage Wagons
- JD 716A Forage Wagon
- JD 444 Head
- JD 10' Transport Disk

NEW HOLLAND

NEW

Baler: 853, 848 & 316.
Windrower Turner: 144.
Haybines: 411, 489, 499.
Spreaders: 680, 791.
Rakes: 256, 258, 258H.
Forage Wagon: 716.
Forage Harvester: 790.

USED

- (2) NH 276 Baler w/Thrower
- NH 2R Snapper Head for Fg. Harv.
- NH 23 & 26 Blowers
- NH 880 w/2RN
- NH 469 Haybine
- NH 488 Haybine
- NH 499 Haybine
- NH 1495 Hydrostatic
- NH 1495 Haybine Planetary
- NH 770 Harvester w/Heads
- B124 Backhoe
- NH 553 Skid Ldr., Low Hrs , Like New
- NH 1010 Auto Bale Wagon

Used Combines: JD 7720, JD 4400, IH 203.

BOBCAT

NEW

Bobcat 440 B, 642 B, 743, 542 B, 843 Loaders.

OTHER EQUIPMENT

USED

- MF 184-4 Tractor
- Ford 4B Reset Plow
- Ford 3B Reset Plow
- Ford 3B Trip Back Plow
- IH 440 Baler w/Thrower
- Gehl 2RN Corn Head
- Gehl 99 Blower
- Gehl 750 Harvester w/Heads
- MF 925 Mower Conditioner
- Hesston 1090 Mower Conditioner
- Ford 14' Disk
- NI 2RN Picker
- NI 384 V Spreader

CORN PLANTERS

- JD 7000 Conserv. 6RN, Dry
- (3) JD 7000, 6RN, 2 Dry, 1 Liq
- IH 800, 6RN, Liq. Fert
- IH 400, 4R, Dry Fert w/Monitor

I-81 Exit 8

3213 Black Gap Road

Chambersburg, PA 17201

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NEW HOLLAND bobcat JOHN DEERE

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane — Hamburg, PA 19526

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.
1981 NH TR85, 4WD, V8, Hydro, full equipment.
M F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs., real nice, $47,500 $45,500.
JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper $27,500; JD 7720 and 6620 available with 4WD.
JD '81 Model, 6620 LL, w/215 flex, real nice.
JD '81 Model 6620 LL w/216 Flex, very nice.
JD (81) 6620 Side Hill w/700 hrs., looks like new.
1976 JD 7700, real nice.
JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.
JD 6620 LL, 1 owner, nice, $27,500 $25,500.
JD (81) 4420 C.A., Real Nice, 1100 Hrs.
(75) 6600 D. Rotary Screen good.
JD 3300 gas Rotary Screen w/10' Grain
JD 3300 Gas w/10' Grain.
1977 JD 4400 D., C.A. w/23x26 tires, $11,500.
MF (84) 550 Cab, Air, Hydro w/13' Flex & 1143 C.H.
MF 550 D., C.A., low hrs.
MF (76) 750 Cab, Air, Hydro Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.
Gleaner F2 D C.A. w/13' Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
IH D 915 C.A. Hydro w/863 & 810 Grain.
IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.
IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 80 & 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.-Nice; IH 105 w/ Cab & 10' Grain, nice; IH 205 Combine w/Cab & 10' Grain.
NI 709 Uni, CA, Hydro, 4WD; N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House.

CORNHEADS: JD 844LP; J.D. 843 LP, 443 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.
I H. 863; 844; 843; 833; 744; 327, 3R; 227.
A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.
M.F. 1163, 1144, 1143, 63, 44, 33, 43, 24, 222, 422, 44—$900 & Up.
N.I. 846 N 6R C.H.; 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 4RN, 6RN Corn Head.
NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.
I.H. 810-13' Thru 17.5' w/ Reg. or Floating.
M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.
N.I. 713 Flex Or Rigid.
NH 972, 20' Flex; NH 960, 13'; E 10' Grain Head.

TRACTORS:
J.D. New 2950 w/R.G.; Used JD 4650 C.A. P.S., MFWD; JD 4450 ROPS, PS, MFWD, 500 Hrs., Like New; JD 4250 C.A. P.S. MFWD; JD 2950 MFWD w/Rollguard; JD 2350 w/146 Ldr., 350 hrs.; JD 4840 CA PS, 18x42, 600 Hrs., One Owner; (3) JD 4840's C.A. P.S. Duals & Quick Hitch; JD (82) 4440 C.A. PS; (82) JD 4240 C.A. QR; JD 4240 C.A.P.S.; JD 4040 Fender QR 18x38; JD 4040 P.S., ROPS; JD 2940 MFWD, real nice; JD 2940 w/Hi Lo, 2 Post R/G, $12,500; (82) JD 2640 w/Reverser & ROPS; JD (82) 2440 Full Eq., w/146 Ldr. & Grapple; JD 2040; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/ Duals; 4630 SR w/Cab & Air; JD 4630, ROPS, Syncro Range NICE; JD 4430, FWD, CAB, Air, Power Shift; JD 4430 C.A., QR, Originals; JD 4430 C.A.Q.R., 20.8x38; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, QR, cab front wheel assist; 4230 C.A.Q.R.; JD 4230 QR Fender; JD 4030 w/creeper trans.; 1530 w/Hi-Lo; (70) 5020 - $5,900; JD 4320 4WD, Real Nice; JD (8) 4020's 1964-1972; JD 4020 S.C., WFE, JD 4020 SC, Power Shift; 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; JD (72) 3020 Tricycle Dsl.; JD 3020 D, PS, 2 Valves; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas; JD 4520 R.G. & cooler w/30.5x32 tires; JD 4010 D, WF Nice; JD 4010 D. Tricycle, Real Good; JD 4010 D. WFE, Real Nice; JD 4010 Dsl., WFE; JD 430 Utility w/3 pt.; JD 3010 D., Tricycle; JD 2510 Dsl.; JD 2010 Tricycle Gas; JD 720 D., Tricycle; JD 620 Gas.
I.H. 3288 C.A.; I.H. (81) 1086 C.A., Western Interior, Full Eq., Real Nice; I.H. 1086 CA w/Dual Whls., original; 1586 w/R.G.; IH 1486 C.A. Full Equipment; IH 1086 ROPS, w/ Enclosure Very Nice; IH 986 C.A. Duals, Nice; 886 w/R.G.; 1800 Hrs.; F686 Original; F686, Good; F 1066 w/Cab; IH 1066 Cab & Duals; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 w/ Cab & Duals, Original; IH F1466 Fender, Original; F1066 C.A.; 1066 Hydro - Original, $8,350; 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/Factory Cab; IH 684 Row Crop Utility; IH 584; SOLD 574 D. w/ Loader; IH 574 D, NICE; IH 544 Utility Gas, Nice; Farmall 544 Gas, WF, 3 pt.; IH 544 U. Gas Hydro; IH 444 U. Gas w/IH 1501 Loader; IH 2504 Utility Gas, P. Steering; IH 404 Utility Gas w/Wagner Ldr.; F504 Gas, WF, 3 PT; F1456 Fender w/Duals; 1256 w/Cab, Nice; F756 Dsl. WF 3PT 18x38, Real Nice; 756 G Hi-Clear; 656 Gas & Diesel; 656 D. Hi-Clear; 1206, Nice; IH 806 Standard; 706 D. - W.F.E. - 3 pt. - $5,000; F706D., WFE, 3 pt.; F504 Gas, WF, 3PT; F560 D., WF, FH; F560 Gas, WF, Nice; F560 D w/Fast Hitch; F 460 Gas, WF, FH; IH 460 U. Gas, FH, PS & Shuttle; IH 350 Utility w/Ldr. as is; Farmall 300 Tricycle w/PS & FH; Farmall 200; Farmall M, H, C Tractors; Super A w/Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd. Loader w/Blade & Plow; Farmall B.
New AC 8050 C.A., P.S., rad. tires, fully eq.
A.C. New AC 6080; Used AC 6080 w/ROPS; AC 8010 C.A. 20 SP MFWD w/ Westendorf 64 Ldr.; AC 7080 CA 20.8x38 Duals; 7040 C.A.P.S., Like New; AC 7000 C.A., PS, Original; AC 200 D original; AC 220, real nice; XT190D. w/3 pt.; AC 185 D, WFE, Sharp; AC D17 Series IV D. 3 Pt., WFE; AC WD 45; AC WD 45, WF; AC CA w/ Equipment.
CASE Case 1594, P. Shift, low hrs., like new; Case 2590, CA, PS, 1600 hours; 1370 C.A.P.S. Factory Duals; 2090 CAPS, $14,800; Case 1070 CA, Real Good; Case 870 Original; 930D, WF 3 pt.; Case 930 SD; 830 Gas, WF, 3 pt.; Case 995 Dsl. w/Ldr.
MF 265; MF 1135 CAMP 18x38; MF 1085; MF 165 U. Gas; MF 165D w/ Freeman Ldr.; MF 135 Gas w/PS; MF 1130; MF 65 D; MF 35 D, PS, As Is.
FORD TW10 DP & 20.8x38 Tires; Ford 9700 C.A. Dual Power; F SOLD 0 DP w/Cab; Ford 7600 w/ ROPS & Dual Power; Ford 6700 w/Dual Power & Ldr.; Ford 6000 Dsl.; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; County Super 6, 4WD w/3 pt.; Ford 600; Ford 8N w/ Side Mtd. Mower; Ford 8N.
WHITE 4-150 CA Duals; WHITE 285 ROPS 500 Hrs., Like New; WHITE 2-60 ROPS w/1510 Ldr.; White 2-70, ROPS, as.is.
OLIVER 1855 w/New Tires; Oliver 2050; 1950 T w/ Cab - $5,975; Oliver 1850 D., WFE, Hydro Power; 1650 D., WF w/3SP; Oliver 1650 Tricycle Dsl.; Oliver 1250 w/P.S.; Oliver 880 Dsl. Tricycle.

Tractors & Equip. Just Traded:
Case IH 3294 CA, MFWD; AC 200 w/Loader; JD 950 Dsl.; JD 400 Rotary Hoe; Blazer Silage Dump Station; 1987 Case SOLD 5 Way Blade, Like New; Miller 12' Offset Disk; JD 780 Push Spreader; JD 2700, 7B Onland Plow; New NI 325, 2R 30" Picker w/12 Roll Bed; JD 4040, CA, PS; Lilliston 9860 No Till Drill, 3 Yrs. Old; JD 544 Pay Loader; Cases 580B Ldr. Backhoe w/ROPS; Dual 5000 side dump wagon; 1983 Butler Batch Dryer.

CORNPICKERS: (2) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; (3) NI 323, 1R Picker, $1950-$2250; NI 323 $1275; NI 323 $1675.
New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.

PICKER: NI 319 Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

JD 5820 C.A. Hydro, 4WD w/4R 30" Silage, 443 Snapper & 7' Hay PU; JD 5460, C.A. Hydro 4WD, 3RN & Hay PU.
JD 3960 w/2 Heads; Burnt JD 3960 Chopper w/2R Corn Head; JD 38 Chopper w/ Direct Cut Head.
N.H. 892 w/Elec. Controls, 2R & Hay PU; NH 782 w/ heads; NH 770 w/heads; NH 718 w/822 C.H.; NH Super 717 w/1R C.H. $975; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.
IH 650 Chopper w/2RN & Hay PU; Fox Super D w/Cab 3R C.H. & PU.
Gehl 1200 Chopper w/Elec. Controls, 3 RW C.H. & Hay PU.; Gehl CB 1200 Chopper.
(2) GEHL 600 w/2R.
Hesston 7020 Chopper w/1R & Hay PU.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.
J.D. 1, 2 & 3R Snapper; 2 & 3 R Silage, New & Used 5½' Hay Pickups; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates; JD 8' Direct Cut; JD 4RW Stalker Head.
IH Direct Cut Head for 650; NI 766 Hay PU.
FOX 984, 4R Silage; 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: NH 30; JD 66.

FLAIL CHOPPERS: (2) Used NH 38; Bearcat 72A; IH #50 SOLD redder; JD 16A; Bush Hog 4RW Stalk Shredder; MC 6R Stalk Shredder.

SILAGE WAGONS: JD 716 Tandem Axle w/Roof; Danco Tandem Axle w/ Roof; Gehl 810 Forage Box; Hesston #10 Stack Wagon.

HAY EQ.: BALERS: New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; JD 337 w/ Thrower, used 2 seasons; JD 466; JD 336 w/ Thrower, Real Nice; JD 336 Baler w/Thrower; JD 327 Baler w/Thrower.
NH 320 w/75 Ejector, Real Nice; NH 320 Baler w/70 Thrower, NICE; NH 315 w/Chute, $2,900; NH 315 w/70 Thrower; NH 315 w/ Thrower, NH 282 No Thrower; NH 275 w/53 Thrower; NH 268 w/53 Thrower; IH 445 w/ Thrower; IH 430 w/#10 T; N.I. 456 Round; N.H. 851 Rd.; NH 846 Rd.; Hesston 5400 Round; MF 124 w/ Thrower; NH 851 Rd ; NH 850 Rd.

RAKES: JD 660 w/Dolly Whl.; JD 640 w/Dolly Wheel; IH 35 Hyd. Drive.
IH 14; Deutz Fahr 4 Star Tedder; Lely 2 Star Tedder; Pequea Hay Tedder; NH 256, 258; 55.

HAYBINES: (1982) NH 1495 D. C.A. Hydro, 800 Hrs.; NH 1495 D Hydro w/Half Cab; NH 1495 Gas SP; (2) 495; 489, Like New; (3) 489; 478; (2) 477; (2) NH 467; (2) JD 1219; JD 1207; NI 509, 9'; Gehl 1080 Discbine.
New MC 7E; (2) M.C. 7E; MC 9E Rotary Scythe; NI 272 Cutditioners; N.H. 1034 Stack Wagon; NH 1010 Bale Wagon; NH 1010 Bale Wagon, good condition; NH #90 Bale Mover; (3) 16' Wooden Hay Wagons.

PLANTERS: New NI Kinze 6R No-till, List $15,688, SALE $9,995; JD 7000, 12R Front Fold, Dry Fert. w/No-till, full equipment; JD 7000, 6R Conserv. Dry Fert.; JD 7000, 6R Dry Fert., Fully Equipped; JD 7000 4R Liq.; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; JD 4R Cons. w/ Dry Fert. & Insect.; (2) JD 7000, 4R Dry Fert., Full Equipment; IH 800, 8RN End Transport w/Dry Fert.; IH 800, 6R Dry Fert.; IH 56, 4R; Hiniker 4R Econotill, No-till, w/ Kinze Units; IH 56, 2R Pull Type w/Dry Fert.

DRILLS: NEW JD 16x8 DD Drill; JD 8350, 23x7 w/ Fert. & Seed; JD 8300 21x7 DD, Excellent; JD 8300, 21x7 DD Drill; JD FBB 17x7 Drill.
Tye 13' No-Till; Brillion 8' Seeder.

GRINDERS/MIXERS: Owatonna 450 w/Scales; Bearcat 1250; Gehl 115; NH 352; Farmhand 850 Tandem Axle; IH 1150.

TILLAGE EQ.: PLOWS: JD 3x16 Trip; Howard 4X Para Plow; IH 450 3-4X 3 Pt. Spring Reset; Ford 142, 4X; IH 710 4X Semi Spring Reset; Ford 130, 4x16, 3 Pt.; JD 4X 16" Semi Mount Plow; JD 845 4X 16" Rollover; JD 945 5X Semi Rollover; IH 720, 5X Toggle Trip; OLIVER 546- 5x16 Spring Reset; Oliver 5-16 Semi; White 508, 6X Reset; JD 2800, 6B Semi; JD 2700 6X Reset; JD 3 0 6X Reset Onland SOLD ch; I.H. 700-6x16 Spring Reset; JD 3200, 6X Reset; Oliver 6X Reset; WHITE SOLD Sp. Reset; IH 720, 716 Onland T SOLD Trip; (2) JD 2800S, 7X; JD 2800, 7X Onland; J D. 7X; M.F. 6X On Land Hitch; IH 800 10X Flex Spring Reset.

CHISEL PLOWS IH 5500, 7' Chisel Plow, Like New, Brillion 10', New AC 1600, 12' Pull, JD 1600, 12' Chisel, New Lilliston 13' Chisel, Bush Hog 12', I H 55-12 , (2) 7' 3 pt , Bush Hog 10' w/Buster Bar, Brillion 12' w/Buster Bar, Tibben 12' Auto Reset Ripper

DISCS MF 6' 3 PT, JD 110, White 252 12 Disk w/New Blades, Bush Hog 11' Offset, JD 1630 16' Heavy Disk, Taylorway 16' Rock Flex Disk w/Harrow, Taylorway 16' Rock Flex, Manual Fold, JD 230, 21' Hyd Fold, JD 235, 25' Hyd Fold Disk, IH 8' Transport, IH 470 18' Wing Disk, JD AW 13' Disk w/Transport & New Blades

MULCH TILLERS Willbeck 13', Willbeck 7 Tooth Soil Saver, Glenco SS18 Fold Soil Saver, Glencoe SS13 Hyd Fold Soil Saver, Brillion 9 Shank Soil Saver, Glencoe SS7 Soil Saver

CULTIMULCHERS Bearcat 10' Roller Harrow, Dunham Lehr 10' w/ Inside Whls , IH 415, 13', JD & Brillion 10', 12', 13' & 15', JD 10' Roller Harrow, Turnco 25' Hyd Fold Packer

CULTIVATORS IH 80 2R Front Mount, IH 468, 4R Front Mt., JD AT 40 4R Ft Mt , JD 2R, 4R S Tine, Lilliston 4R S Tine, McConnel 4R S Tine, McKee 4R S Tine, JD 4R Front Mount, (4) JD RG 4, JD & IH 6R 3 pt , IH 68, 6R Front Mount, JD AT40, 6R Front Mt , New IH 4500, 18' Vibra Shank, IH 16' Fold Vibra Shank Field, IH 365, 18' S-Tine Field, Brillion 18' Transport Folding Field, (2) 3 Section Drag Harrows, (2) 4 Section Drag Harrows

MISC. I H 5 & 7 Shank V-Rippers w/ Gauge Wheels, Glencoe Soil-Finisher 12'9" - Like New, (2) Howard 13' Rotavator, Knowles 16' wing trans harrow, used 4 acres
Used 400-15', JD 400 Rotary Hoe

INDUSTRIAL J D 840 Self Loading Scraper, Case 584 D Fork Lift, Davis 30+4 Trencher, IH 3414 Gas Ind Ldr w/3 Pt. & PTO, Case 480 Gas Ldr , Howard 3 Pt. Backhoe, Cat 955 Ldr , As Is
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, AC 715B L & B , IH TD14, Angle Blade, $2,995

SKID LOADERS Owatonna 330 Hydro, real nice, NH L445 D Skid, NH L35, Bobcat 444, Hydro Mack 8C Skid Ldr , Bobcat 533 D Skid, Case 1845 D Skid

LOADERS & BLADES J D 143, 148, 158, 260, IH 1850, 2000, 2050, 2350, Case IH 74L, Case IH #90 Ldr , Like New, MF 246 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc , (New) J D & I H Buckets, JD 8' Dozer Blade For 4430, Etc , JD 155, 9' Heavy Blade w/ Hydraulics, Amco 905 Heavy Front Blade, IH Fast Hitch Blade, Myers Snow Plow For JD 2440 Etc

LAWN & GARDEN JD 1050s w/ Power Steering, Dual Hyd , like new, JD 950D, Dual Hydraulics, JD 430 D Mower/Hydraulic Dump, Satoh D w/3PT Tiller, Cub 185 Loboy w/Mower & 3 Pt , Cub 184 w/Woods Mower, Cub 154 Loboy w/3PT & 60" Mower, Farmall Cub Loboy w/Mower, FH & Attachments, Sears 24HP w/ Blade & Mower, Cadet 782, Cadet 1250, 128, 126, J D 400, 318, 317, 314, 214, 212, 210, 111, AC 620 w/3 Pt & Mower, (New) Johnson Loader For Cub Loboy, Loader For JD 400, Kwickway Loader For Cub Loboy
New Yanmar YFL 1000 Ldr , New & Used York Rakes, Schutt 3PT Tree Digger

ROTARY CUTTERS Woods 214 Wing Mower, Used FMC 13', JD 1408 Rotary Mower, Rebuilt, JD 1508 Wing Cutter

SICKLE MOWERS NH 450, NH 451, IH 1300 Dyna Balance Mower

MANURE SPREADERS NI 354 Tandem Spreader, Martin V3300 Tandem Tank, Martin Scavenger II Tandem Axle, NH 367 Flail Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle, JD 44

Trailer load of (New) Killbros Bins & Running Gears, John Bean Roto Mist 100E Sprayer, NI 45' PTO Elevator, Zimmerman 36' Elevator, Allied TC41 40' Grain Auger, Leon Rock Picker Rex 400 Gallon Sprayer Gehl BF190 Feed Wagon, IH 200 Feed Mix Wagon, Field Queen 1408 Side Dump Wagon, (New) McKee Snow Blower Front Mount, JD Quick-Couplers, JD Half Tracks For 6600 & 7700 Combines, JD WF, 4WD, JD 42" Cast Wheels and Tires, I H Flat Top Fender For 706-1466, I H 66 Series Cabs, Ansel ROPS Cab For JD 2640, Etc , Ansel Cab w/Air For JD 30 Series, Nice, (New) Full Vision Cabs For M F 275 & 285 Cab For Case 70 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts , JD 243 Corn Head w/ Adaptor Plate
Ford Cabover w/Rollback, $3,850 As Is, IH 1890 w/18' Grain Dump, $4,975
Muv-All 30' Hyd Implement Trailer

J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS For J D 4400 6600, 6620, 7700, M F 510

MECHANICS SPECIALS TRACTORS 4020 Tri
AC XT190, clutch, $3,950

DECEMBER SPECIALS

TRACTORS	
JD 3020 D Tricycle	$ 4,500
JD 4620 w/Cab, Good Cond	$ 9,500
I H 706 Gas, WFE, F H	$ 3,000
IH 706 D, WFE, 3 pt	$ 4,500
I.H 1206 W F.E.	$ 5,950
Case 1976, 1370 C A P S , Duals	$ 9,500
Case 1470, 4WD	$ 4,950
IH 1086 C A.	$ 9,950
COMBINES	
JD 55 Square Back w/Cab, 12' Grain & 2R Corn	$ 2,500
1973 JD 6600 D. C A w/Grain Head (Needs Work)	$ 4,500
JD 3300 G. w/Cab & 244 Corn	$ 4,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
(76) Gleaner L Corn & Soybean Special, D , C.A , Hydro, w/16' Flex & 630 Corn	$ 8,500
IH 815 D C.A Hydro w/810 Grain	$ 8,500
M F. 510 Diesel w/Cab & Q T Grain	$ 3,800
TILLAGE EQ.	
JD 230, 22' Hyd. Fold Disk	$ 2,900
JD 2800, 7B Reset Onland Hitch	$ 5,900
Ford 142, 6x Spring Reset Plow	$ 1,500
IH 700 6x Spring Reset	$ 1,975
MISC.	
Hesston 7020 Chopper w/1R	$ 950
Gehl 600 w/2R Corn Head	$ 1,500
JD 38 w/2R Corn Head	$ 1,000
Field Queen 1408 Side Dump Wagon	$ 1,500
IH 400, 6R Liq. Planter	$ 375
JD 7000, 6R Liq. w/No-Till	$ 4,950
JD 7000, 4R 30" Liq.	$ 3,000
New JD 8300, 16x10 DD Drill	$ 3,500

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TRACTORS
Oliver 550 w/loader

HAY TOOLS
NH Super 68 w/Thrower
NH 273 Baler w/thrower
NH 55 Rake
NH 489 Haybine
NH 479 Haybine
IH 440 Baler w/No. 10 Thrower
MF 25 Rake

GRINDER MIXERS
IH 1150 Grinder Mixer
IH 1250 Grinder Mixer
Gehl 95

TILLAGE & PLANTING
IH 455 4 row planter
IH 400 4 Row Planter
Oliver 251 10' disk

SKID LOADERS
Mustang 1700

FORAGE
NH No. 23 Blower
NH 30 Blower

SPRAYERS
Geo. White 500 Gal. Tandem w/42' Boom

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Oliver 77
Oliver 1650
Oliver 1955
Oliver 1750

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Cub Cadet 102 w/38" Mower
Bolens 1256 Lawn Tractor
Simplicity 6011 w/42" Mower

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NI 214 3 Btr.
NI 214 Single Btr. Hyd. Endgate

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White 2-105 Dsl. Cab & Air, 1290 Original Hrs.
JD 3020 Dsl., Power Shift, Side Console, WF, very nice
JD 4230 Dsl., Power Shift, w/ Rollguard, 18x38 Rubber, One Owner Tractor
JD 4430 Dsl., Cab, Air, Quad, 18x38 Rubber, very nice
JD 2240 Dsl., Dual Hydraulic
MF 2705 Dsl., Cab, Air, 24SP Power Shift, 2600 hrs., very nice
MF 3525 Dsl., Cab, Air, 550 hrs., Like New
1981 JD 4640 Diesel, Cab, Air, Power Shift, 20x38 Radial & Triple Hydraulic
JD 4620 Dsl., 3600 Hrs., very nice
JD 4450 Dsl., Cab & Air, 15 SP, P. Shift, Radial Duals, Excellent
1982 JD 4440 Dsl. Cab & Air, QR, Triple Hydraulics, 1360 Hrs., EXCELLENT (SOLD)
JD 4320 Dsl. w/Cab, 4200 hrs., one owner
JD 4320 Dsl. Roll Guard, Cab, 3100 hrs., very nice
JD 4240 Dsl. Cab & Air, Power Shift
JD 4240 Cab, Air, QR, Quick Coupler & Weights, very nice
JD 4020 Dsl., WF, Syncro Range
JD 3020 Gas, Side Console, WF
JD 2750 Dsl., High/Low, Ind. PTO, Rollguard, 1400 hrs., EXCELLENT (SOLD)
JD 2350 Dsl., Ind. PTO, 1100 hrs., Very Nice
JD 2640 Dsl. w/Direction Reverser & 146 Ldr.
JD 830 Dsl. 3 Cylinder Utility, low hrs.
IH 856 Dsl., WF, 3PT
IH 766 Dsl., Black Stripe, Fender, 2400 hrs., very nice
IH 1086 Dsl., Cab, Air, very nice
IH 1066 Dsl. Fender Tractor 18x38 Rubber, Very Nice
IH 986 Dsl., Cab & Air, very nice
IH 886 Dsl., Cab, Air, one owner
MF 285 Dsl., 1400 hrs., one owner, excellent
MF 165 Dsl., 3PT, P. Steering, WF
MF 85 Gas, WF, P. Steering, Ind. PTO
MF 50 Gas, 3PT, P. Steering, WF, exceptionally nice
Ford 4600 Dsl. w/Loader, 800 hrs., excellent
Ford 3000 Gas, P. Steering & 3PT (SOLD)
Ford TW10 Dsl. Cab & Air, 2400 hrs., very nice
Oliver 1755 Dsl., WF w/over & under

NEW ARRIVALS
Case 530 Loader & Backhoe
JD 4030 diesel, cab, air, quad range, 1600 hours, excellent
AC XP190 gas, cab & air
JD 2640 diesel, high-low, ind. PTO, roll guard & canopy, one owner, very nice
JD 1219 mower conditioner, exc.
JD 8200 7x14 double disc grain drill w/grass seed

CORN PICKERS
NI 324, 2RW 12 Roll Bed, Late Model
NI 323, 1R, very good

CORN HEADS
JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 443, 4RN, Low Profile
JD 444 Low Profile, 4RW
JD 444, 4RW
JD 643, 6RN Low Profile
JD 643, 6R 30
JD 235 2RW 55
IH 844, 4RW
MF 44, 4RW Corn Head
MF 1144, 4RW Corn Head
MF 1163, 6RN
MF 1143, 4RN, Like New
AC 438 Black Corn Head
AC 430 Black, 4RN, Excellent

TILLAGE
IH 720, 4x18 Toggle Trip, Like New
IH 710, 4x18 Plow
IH 710, 4, 5, & 6x18 Spring Reset
AC 3PT 8 Tooth High Clearance Chisel Plow
IH 730, 4 Base Spring Reset Variable Width Plow
IH 720, 6 Base Spring Reset Plow
JD 310, 12' Disk
Hutchmaster 14' Offset Disk
JD TWA 12' Plowing Disk
JD 230, 20' Hydraulic Wing Fold Disk
JD AW 13' Disk Harrow
Brillion 14' Roller Harrow, Inboard Wheels, Late Model
Lely 12' Rottera
Glencoe 13' Soil Saver
Glencoe 5 Tooth Soil Saver, like new
JD & IH 16 & 18' Hydraulic Fold Field Cultivators

HAY EQUIPMENT
NH 499 Hydroswing Haybine, Used 2 Seasons
JD 327T Baler w/ejector, like new
JD 337T Baler, Excellent
JD 336T Baler w/30 ejector
NH 277 Baler w/Thrower, very nice
NH 495, 12' Haybine
NH 489 Haybine, Excellent
NH 479 Haybine, Excellent Condition
NH 478, 7' Haybine
IH 990, 7' Mower Conditioner
JD 1209 Mower Conditioner
Vicon 7' 3PT Disk Mower
JD 530 Round Baler, Like New
NH 846 Round Baler, Auto Wrap, excellent
NH 851 Round Baler, Very Nice
Kuhn 17' Hay Tedder, New
JD 5400 SP Harvester, Cab & Air, 2WD, Choice of Heads (SOLD)
JD 7" Hay Pick Up w/gauge wheels
JD 5½' Hay Pickup
NH #70 Thrower (SOLD)
JD & NH Hay Rakes

COMBINES
1981 JD 4420 Dsl., Cab, Air, 800 Hrs., One Owner, Excellent
JD 4420 Dsl. Cab, Air, 1600 Hrs., Header Height Control, Choice of Heads
1982 JD 6620, Hydro, Cab & Air, 4WD, Turbo, Excellent Choice of Heads
1972 JD 4400 Gas, Good Solid Machine, Choice of Heads
AC Gleaner K2 Cab, 13' Flex Platform, very nice
Corn & Soybean Chopper to fit JD 3300-4400
JD 213 & 215 Rigid Heads
AC F or F2, 13' or 15' Flex Head, excellent
JD 218 Black Reel Flex
MF 13' Ridgid Grain Platform

BALE WAGONS
NH 1037, Tandem Axle, 105 Bale Capacity
NH 1034, Tandem Axle, 105 Bale Capacity, Single Bale Unload
NH 1033 Tandem Axle, 105 bale capacity
NH 1003, 80 Bale Capacity, Late Model

CORN PLANTERS
JD 7200, 4R Cons. Dry Fert., Insect., Monitor, Heavy Duty Markers, Almost New
JD 7000, 4RW, Liq. Fert., Insect., Monitor

MISCELLANEOUS EQUIPMENT
JD 148 Loader, Like New
Brillion 8' Alfalfa Seeder w/ Double Box & Transport
NH 353 Grinder Mixer, Very Nice
NI 213 single beater spreader, 160 bu. w/hyd. end gate
IH 1850 Loader, w/Valve, excellent
Super 6 Loader to fit Ford 4000 or 5000 Tractor
IH 2250 & 2350 QT Loader
IH #50 Stalk Shredder
Brady 1440 Stalk Shredder
Farmhand Loader to Fit IH 560 thru 686
18x38-18x34-20x38 Duals
Donahue Equipment Trailer
Kelly 3 Pt. Backhoe, (NEW)
Gehl 95 Grinder Mixer
NH 355 Grinder Mixer, Hyd. Drive, like new
Case IH 5100, 24x6 Grain Drill w/Grass Seed, Planted 40 Acres
JD 48 Loader for Row Crop Tractors
JD 318 Lawn & Garden Tractor w/Mower Deck, very nice
JD 400 Rotary Hoe (NEW)
Wrightway Rock Picker w/ Hydraulic Reel

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1973 JD 4400 Gas Combine, w/Grain Platform, Good Solid Machine, $4950

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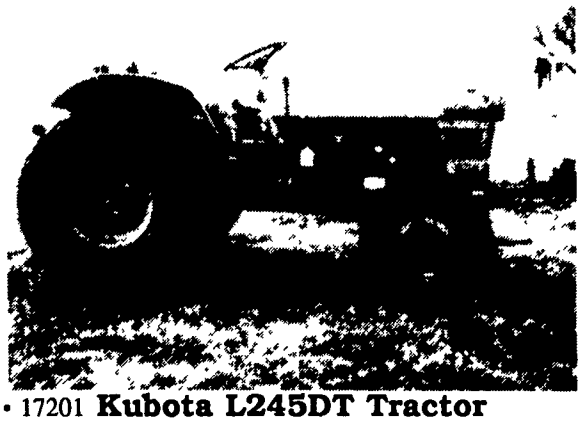
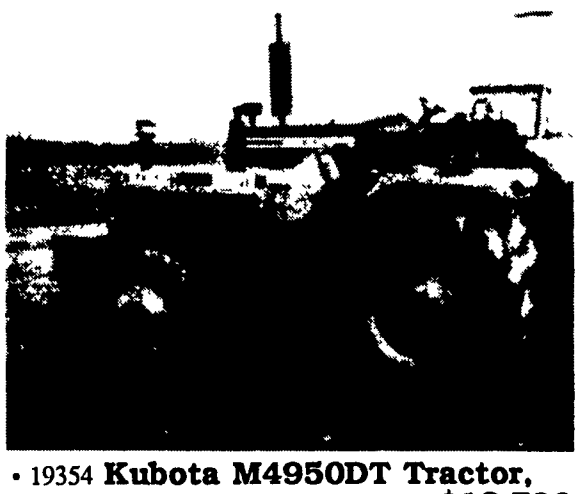
USED EQUIPMENT - Check For New Additions Weekly

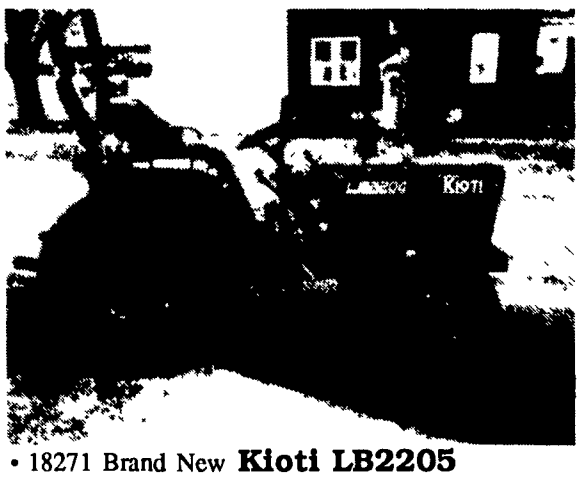
- 18287 **Hesston 5600 Baler Round** Unit In Good Condition SOLD **$3,500**
- 19387 **Woods 4' Brushcutter** M-4 ..... **$750**
- 19388 **Woods 5' Rear Blade** RB-5 ..... **$180**
- 19554 **New Idea 323 Cornpicker** 1 Row **$2,100**
- 17871 **Suzuki GS550 Cycle** Bike In Good Condition **$495**
- 19343 6 Ft. **Kubota Dozer Blade** (fits L295) **$490**
- 19559 **Kubota Excavator KH28L,** 1986, 48 HP **$15,000**
- 15746 **New Holland 352 Grinder Mixer** SOLD Unit In Working Condition **$1,750**
- 17307 **New Holland 355 Grinder Mixer** Unit Is Very Good, Has: Hyd. Loading, Scales **$6,990**
- 14414 **Gehl CB600 Harvester** With Pick-Up, 2-Row Crop, & Narrow Head **$1,995**
- 19379 **Fox Harvester** 2000 w/2 row Cornhead & Pickup Head.. **$695**
- 17673 **Hesston 620 Hydro Haybine SP** Diesel Eng., Header 12' **$2,900**
- 17876 **New Holland 479 Haybine** Unit Works **$750**
- 14199 **Kubota MR6000 Mower** Will Fit B6100, B7100 Tractors, Hydro Only **$590**
- 19011 **T38 Mott Tow Type 38" Flail Mower** w/8 HP Engine **$750**
- 19076 **Leinbach KKL60-40** 3 pt. 5' Cutter, Like New **$480**
- 18950 **Kubota 3660** Flail Mower, 5' 3 Pt. Hitch **$750**
- 19561 **Used Woods RM400 Mower** **$795**
- 15080 **Mott Mower** Rev. PTO Flail Mower Will Fit B6000 Kubota **$575**
- 19081 **2 Bottom 12" Plow** **$175**
- 19532 **Landpride 6 Ft. Pulverizer SP1572,** Slightly Used, Like New **$645**
- 18898 **Worksaver Seeder** 3 Pt., Perfect Condition **$125**
- 19210 **Used Kubota 4' Snowblower** Heavy Duty B222-A, Fits B7100 ..... **$475**
- 16222 **Used Kubota B2510 Snowblower** (38", will Fit B5100, B4200) **$425**
- 17847 **Used Kubota B748 Snowblower** (48", will Fit B6100, B7100) **$250**



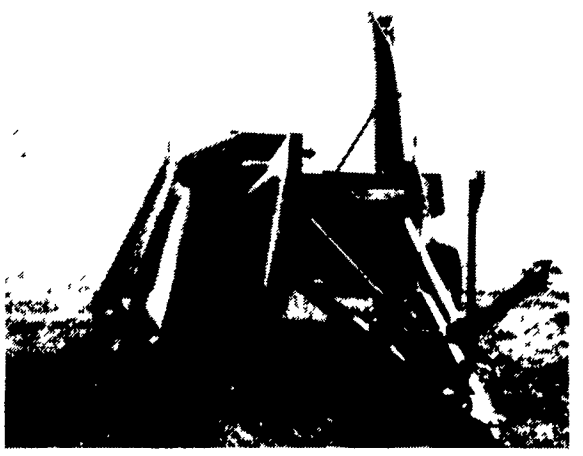
- 17201 **Kubota L245DT Tractor** Four Wheel Drive, Power Steering 25 HP **$5,500**



- 19354 **Kubota M4950DT Tractor,** 47 PTO HP/4WD/1360 Hrs **$12,790**



- 18271 Brand New **Kioti LB2205 Tractor** 22 HP (One Only) Four Wheel Drive, List - $8,390 Special Sale Price **$6,785**



- 19528 **New Idea Cornpicker 323,** 1 Row, Good Condition **$2,100**

- 17840 **Used Kubota G2500 L&G Snowblower** 38", Will Fit G-Series **$625**
- 15531 **Demco 25 Gal. Sprayer** **$395**
- 19010 **50 Gal. Mighty Mac Sprayer** w/Boom and Hand Gun **$680**
- 19065 **Mighty Mac 50 Gal. Sprayer** P550T **$695**
- 19012 **Used Turf 36" Lawn Sweeper** **$395**
- 19134 **Used Kubota Tiller B420** **$895**
- 18738 **Kubota KH170L Track Excavator** SOLD Unit Is Like New w/24" & 36" Buckets, 370 Orig. Hrs. 12' Dig Depth **$26,400**
- 17843 **Used Ford 7500 Tractor-Loader Backhoe** (good cond.) **$13,800**
- 19546 **Ford Industrial Tractor Loader 335,** 1976, 1900 Hrs., 3 Pt. & PTO ..... SOLD **$6,900**
- 19368 **Bolen Lawn & Garden Tractor** w/Mower H16XL **$1,390**
- 19037 **Used Wheelhorse 1276** w/48" Mower (Good Cond.) 12 Hp - HST **$875**
- 19694 **Ford 8N Tractor,** 1948, 25 HP **$1,750**
- 16422 **Used Ford 8700 Fender Tractor** **$8,500**
- 19571 **Used Kubota B7200 HSE Tractor** With RC60-72H Mower, Nice Condition **$5,450**
- 19047 **Kubota B6000E** 2WD Tractor **$2,995**
- 17759 **Kubota B6100HSE Tractor** Hours 634, With MR4800 Mower, S/N-10089, Super Cond., HST Trans. **$4,950**
- 19537 **Used Kubota G4200H LGT** w/48" Mower, 3 Cyl., Diesel HST Trans **$4,275**
- 18907 **Vac Unit, Model 856 RH** For A B-Series Kubota, Unit Complete, 3 Pt. **$695**
- 18204 **Kubota G3008 Vac System L & G** Fits G Series Tractors With 48" Mower **$495**

NEW SPECIALS

- 14970 **New Demco 300 Gallon Sprayer** ..... **Super Price - $2,600**
- 18269 Brand New **Kioti LB 2204 Tractor** w/KL 122 Loader, 22 HP, 4 WD, w/PSI & 60" Bucket List - $11,520 Special Sale Price **$9,250**

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JD 1440 No-til Corn Planter, Good Condition..... **$1,695**
JD 7000 Conservation 6 Row Narrow Planter w/Liq. Fert. Loaded w/Many Extras **$5,995**
IH 400 Cyclo 6 Row Planter w/Liq. Fert. & Many Extras **$1,350**
White 4 Row No-Till Planter w/Dry Fert. & Monitor..... **$1,395**
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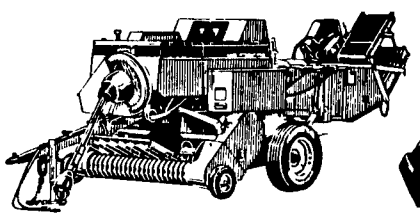
JD 430 Round Baler, 5 Yrs. Old ..... **Call For Price**
JD 3 Row Narrow Row Crop Head Reconditioned..... **Call For Price**
JD 3 Row Wide Row Crop Head **$2,600**
JD 3 RW Corn Head..... **$2,200**
JD 38 Harvester w/2 Row Wide Corn Head **$1,200**
JD 38 Harvester-Base Machine **$800**
Variety of 2 RW Corn Heads Available
JD 2 RW Snapper Head w/Adapter Plate for Forage Harvester **$1,100**
JD 1209 Mower-Conditioner w/New Style Polyurethane Rolls, Completely Reconditioned..... **$3,995**

Miscellaneous

JD 780 Hydro Push Spreader, 4 Yrs. Old, Hyd. Endgate, Endpar, Hi-Flotation Tires..... **$5,995**
JD 32B Sprayer w/26' Booms, 210 Gal. w/o Pump **$495**

NEW EQUIPMENT IN STOCK



- Case IH 8520 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8540 Wire Baler w/Thrower
- Case IH 8420 Round Baler
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 1190 Mower Conditioner, 9 Ft.

Case IH 2096, 2WD, Cab
Case IH 2096, 4WD, Cab — Demo, Rental
Case SOLD WD
Case SOLD WD, Cab
Case IH 585 Low Profile Orchard Tractor, Must Sell
Case IH 685 In Stock, Low Profile Orchard Tractor, Must Sell
Case IH 685, 4WD, Shuttle Shift
Case IH 885, 4WD w/Cab
Case IH 1825 Gas Uni-Loader
Case IH 1818 Diesel Uni-Loader
Case IH 1835 C Gas & Diesel Uni-Loaders — New Units In Stock
Case IH 1845C Uni-Loader
Case IH 4500 Vibra Shank Field Cultivator
Case IH 496 Disk Harrow, 19 Ft 1, 9" Spacing, Must Sell
Case IH 496 Disk Harrow, 18 Ft 7, 7½" Spacing, Demo Unit, Must Sell
Case IH 6500 11' Consertill
Case IH 415 Packer Mulcher 10'1" - Demo
Case IH 5611 2 Rank 11' Chisel Plow
Case IH 5513 3 Rank Chisel Plow
Case IH 5607 2 Rank 7 Ft Chisel
Case IH 5700 3 Rank 11 Ft Chisel
Case IH 595 Spreader
Case IH 50 Shredder - Must Sell

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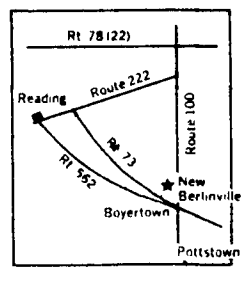
7110 4WD
And
7120 4WD

Case IH No 10 Flail Chopper
Case IH 900 Planters - 4 & 6 Rows, Must Sell
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 74L Loader For 1394, 1494 & 1594 Case Tractors
Case IH 710 Loader For Magnum Tractor
Case IH 1044 4 Row Cornhead
Case IH 1043 4 Row Cornhead, Old Price



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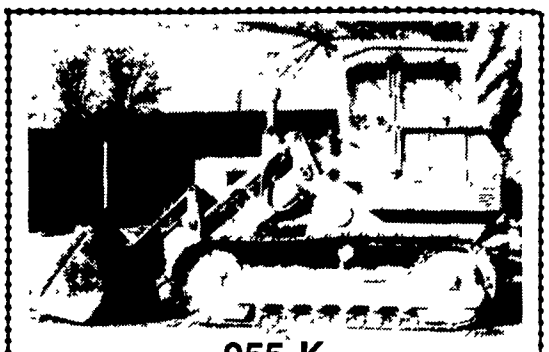

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QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN ON TRACTORS PRICED OVER $4,000 DELIVERY AVAILABLE ANYWHERE

Tractors

JD 4450, fact. cab & air, 15 spd, powershift
JD 2350, heavy front axle & big hyd. pump, 146 loader available
JD 750 dsl. w/60" belly mower
JD 4640 Quad, fact cab & air, very nice
JD 4440 Quad, 1982 model, fact. cab & air, very nice
JD 2940, fender tractor
JD 2840
JD 2640 heavy front axle, big hyd. pump, row crop, 146 loader avail.
JD 4430, fact. cab & air, 77 model
JD 4430, fact. cab & air, 76 model
JD 4230, fact. cab & air, radial tires
JD 4230 Quad, fender tractor, 38" rubber
JD 4020 diesel, 67 model, WF, 3 Pt.
JD 4020 diesel, PS, w/cab & WF
JD 730 diesel standard w/3PT, PTO & adj. WF

JD 310 B tractor loader, backhoe
JD 350D w/loader

IH 3588 2+2, 3 outlets, 3PT PTO
IH 986, 81 model, cab & air, low hrs., 38" rubber
IH 986, fact. cab & air, very clean
IH 1466, red cab w/air, very clean
IH 1466, fender tractor
IH 1066, fact. cab & air
IH 1066, 3200 hrs., very nice
IH 966 fact. cab & air
IH 966 fender tractor
IH 766 fender tractor, 3PT, WF
IH 766 w/2PT hitch, WF
IH 1456 fender tractor w/20.8x38 tires
IH 856 WF, 3PT, 38" rubber, 3300 hrs., extra nice
IH 856 diesel, new TA
IH 856 diesel, standard, very nice
IH 806 diesel, WF, 3PT
IH 884 w/TA & IH 2250 loader
IH 684 w/cab, TA, 1400 hrs., one owner
IH hydro 84, low hrs.
Farmall 544 dsl. hydro., row crop with or w/o cab
Ford 9700 fender tractor
Ford 4000 gas gear drive
AC D21 w/fact. turbo, cheap power

Uni Systems

NI 709, cab, air, rear wheel assist
NI 708, cab, air, hydro, low hrs.
NI 708, cab, hydro
NI 707, Perkins diesel, cab
NI 704, Gas, variable speed, cab
NI 702 Gas w/cab
NI 701 gas w/cab
NI 717 Combine
NI 729-A Sheller
NI 711, 713 & 715 Grain heads
NI 727 12 roll husking bed
NI 737 Huskers, $2500 & up, 2 late model low acres
NI 866 grass head, like new
NI 740 & 741 Quick Tach Throats
NI Chopper Heads wide & narrow
NI 2, 3 & 4R heads wide or narrow
NI 844 wide & narrow heads
NI 846 6RN

Combines

MF 850 diesel hydro, 1982 model, w/1163 & 20' flex head, very nice
MF 410 diesel, cab, air, 4RW & 13' head, good cheap unit

Heads

Used MF 1143 4RN corn head
MF 43 4RN
MF 13 grain head
IH 844W 4RW
(2) (1) JD 343 corn head, 3RN

Pull Type Pickers

Nice JD 300 Husker w/3RN or 2RW Head
NI 325 12 roll narrow picker

Implements & Misc.

IH 720 4-18" toggle trip plow
NH 850 Round Baler, very nice
NH 320 Baler w/kicker
Dual wheels - 34's and 38's
Year round cab for JD 3020 thru 4320
Tractor Weights JD & IH
Complete rebuilt M&W Turbo w/kit for IH 856
Westendorf loader off 66 Series IH tractor, quick-a-tach
2-post roll guard and canopy for IH tractor SOLD
Donahue 28' planter & combine head trailer
NH 520 spreader w/hyd. endgate, side ext., T-bar webb, 1 yr. old SOLD
11 tooth 3PT mtd. DMI chisel
IH 37 10' Disc
IH 370 11' Disc

Used Parts

IH 504 Utility
IH 856 Diesel
IH 706 Diesel
IH 1256
IH 70 hydro
IH 806 Diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
Complete factory 3PTH for 706 thru 966
NI 702 D
NI 717 Combine
IH 706 Gas Tractor
Farmall H & M
Complete IH Wide Fronts
IH Dual PTO Units
IH 826 Diesel

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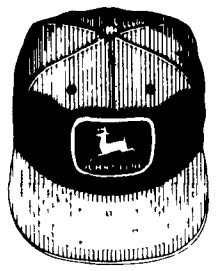
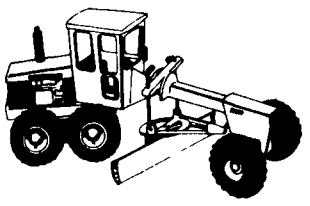
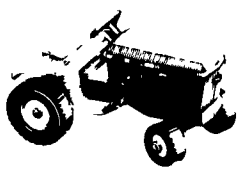
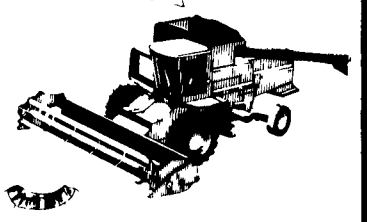


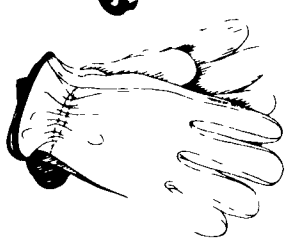


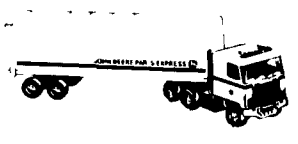


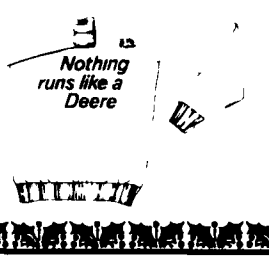
Christmas Shopping?

See us for all your Christmas presents, and stocking stuffers. We have toys, T-shirts, sweatshirts, stocking caps, tools & much much more!









Just Arrived! NEW EQUIPMENT

JD 21x7 Grain Drill w/Dbl. Disc Openers

JD 65 7 Ft. Rear Blade

TRACTORS

JD 2150 w/Reverser Trans. Low Hours **$12,500**

JD 4020 Dsl. S/R, WFE w/Complete Overhaul ..... **$ 9,450**

(2) JD 3010 Dsl., S/R ..... **$ 4,250**

AC 200 Dsl. w/Cab ..... **$ 8,450**

IHC 1256 Dsl. WFE ..... **$ 9,250**

IHC 560 Dsl. ..... **$ 2,550**

Farmall Super A w/Cult ..... **$ 2,595**

Farmall "A" w/Cult ..... **$ 750**

HAY EQUIPMENT

NH 489 9 Ft. Mower Conditioner **$4,150**

JD 1209 9 Ft. Mower Cond. **$3,750**

Case 475 Mower Conditioner **$1,375**

NI 270 7-Ft. Cut-ditioner w/New Flails **$1,750**

JD 260 7 Ft. Rotary Disc Mower **$3,950**

Vicon 7 Ft. Rotary Disc Mower **$2,750**

JD 336 Baler w/30 Ejector **$4,450**

NH 320 Baler w/Ejector **$3,950**

MANURE SPREADERS

NI 218 w/Endgate, Top Beater **$2,950**

NH 679 w/Top Beater **$2,750**

IHC 575 w/Endgate **$2,250**

CORN PLANTERS

JD 7000 4R36 w/Dry Fert., Insect. **$4,750**

JD 7000 Cons. 4R38 w/Frame Coulters, Dry Fert., Insect **$8,350**

JD 7000 6R30 w/Dry Fert., Insect **$4,850**

JD 7000 6R30 w/Unit Coulters, Dry Fert., Insect **$7,350**

TILLAGE EQUIPMENT

Glencoe 7 Tooth Soil Saver ..... **$ 4,250**

IHC 6500 Coulter Chisel **$2,650**

JD 220 17-Ft. Disk Harrow w/C-Springs **$6,600**

COMBINES

JD 7700 w/Cab, Turbo, Hydro, 15-Ft. Rigid **$21,500**

JD 7700 w/Cab, Diesel, Gear, 15-Ft. Rigid **$12,000**

JD 6600 w/Cab, Diesel, Gear MECHANIC'S SPECIAL ..... **$ 4,250**

FORAGE EQUIPMENT

NH 1880 SP w/Cab, 3RN Auger Base **$9,500**

JD 35 Harvester w/1-Row RC, 5½ -Ft. Hay P-U **$1,950**

NH Super 717, 1 Row **$1,000**

JD 216 Forage Wagon w/JD 1065 Gear **$2,750**

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Roskamp PECB 930, 1000 RPM
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Now $ 8,900

- NH 519 Spreader
- NH 676 Manure Spreader
- NH 822 Corn Head
- Butler 280 Ensilmixer Stainless Steel Lined
- NH 1495 Haybine, Cab, Air
- NH 718 Harvestor
- NH 258 Rake
- NH 310 SS Baler

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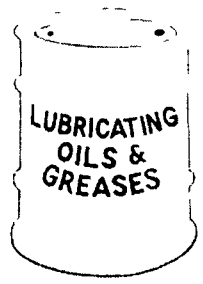

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TRACTORS

David Brown 885 Low Profile
Cat D6 Dozer w/Pan
Kubota L225
AC 7580
AC 70 SOLD
AC 7060
AC 5050
AC 190
AC 8030, Low Hrs.
Ford 8N w/Mower
MF 165 D
MF 2745
AC 200 w/Cab

MOWER CONDITIONERS

NH 495, 12'
(2) NH 1495 SP w/Head
Gehl MC1090
IH 1190
NH 269
(2) NH 489

BALERS

NI 276 w/55 Thrower
NH 32 SOLD Thrower
IH 435
NH 278 w/Thrower
NH 2000 Large Baler, 1 yr.
(2) NH 269
(2) NH 273
NH 276
NH 275 w/54A Thrower
NH 275 w/Thrower
NH 851
JD
NH 846 Round

COMBINES

AC C II w/2 Heads
AC G440 Corn Head
AC 430 Head

RAKES

(3) NH 258
Deutz Fahr KH40 Tedder
Vicon V Wheel

FORAGE EQUIPMENT

NH 880 R2 Corn Head
NH 892 w/2 Heads
NH 890 w/880W & 822
NH 919A4 w/NH 919 WPU
(2) NH #8 Forage Wagons w/Gear
(2) NH 30 Blowers
Field Queen Side Dump w/4RN & WPU
NH 900, 2R 30" Snapper Head only
NH #8 Box

MISCELLANEOUS

(2) Ford CL65 Skid Loader
NI 325 Picker w/12' Roll Husk Bed
NH L B620 Loader
Rockhound Rock Picker
NH 358 Grinder Mixer
NH 445 Skid Loader w/Bucket
AC Disk 2500
Massey Loader
Case Wheel Ldr.
JCB 1550 B 4WD Ldr.
IH 1050 Grinder Mixer
Century Sprayer
Haybuster Drill
NH 1010 Bale Wagon
AC 460 Loader
Case 580 Loader Backhoe
Melroe Skid Loader
24" Vermeer Digger
Cat 977K Loader
Toro Sweeper
Horse Trailer
AC 540 Loader w/Bucket & Pallet Fork
IH Payloader

SPREADERS

Farm Hand
NI 244

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9000 Natural @ $21.35
9000 Plastic @ $22.05
20,000 Plastic @ $21.90
4000 Plastic @ $23.40
4000 Net-Rap @ $120.00

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Call Early To Reserve These Prices

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5' Flail
Woods LM59
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PLANTERS

(2) DA285
AC 600, 4R, Air
AC 600 4R no-till
(2) AC 600 6R no-till
AC 333

LAWN & GARDEN

Cub Cadet 1200 w/44" deck
Toro 8HP
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White 1600
Beaver w/Mower
JD 108 w/Mower
Kubota B5100 E
AC 917 H w/Mower
Yazoo
Sears 10HP w/36" Mower
Case 446 w/Mower
AC 410 Tractor w/Plow
Homesteader 208
AC B112
IH F Cub
IH 482 Cadet
Bolens

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"BUY IN 88 AND PAY IN 89"

NH HAY & FORAGE TOOLS ON OUR LOT HAVE BEEN CUT THOUSANDS OF DOLLARS AND ARE READY TO MOVE OUT!!

COME IN AND BUY AT THIS YEAR'S SLASHED PRICES AND USE WAIVER OF FINANCE UNTIL 9/1/89.

TRACTORS

AC 7030 D w/Cab, Air/Heat
AC 7000 D w/Cab, Air/Heat
AC 200 Excellent
AC 190 D, Excellent!
AC WD
JD 2640 D
JD 3010 D
JD 720
IH 1466 D, w/Cab
Farmall 1066 D w/Cab
Farmall 460 D
Oliver 1550
Oliver 500 D
Long 610 D, low hrs.
NH L-445 G Skid Loader
IH 4130 Skid Loader

FORAGE EQUIPMENT

Fox 2300 Chopper, 2-R Corn & PU Heads
NH 770 Chopper, 2-R Corn & PU Heads
NH 717 Super Chopper, 2-R Corn & PU Heads
NH 717 Chopper, 1-R Corn & PU Heads
NH #8 Crop Carrier w/Wagon
IH Forage Wagon w/Roof
(2) NH 8 Chuck Wagon
MF Chuck Wagon
Gehl Chuck Wagon

MANURE SPREADERS

Knight 350 PTO w/Endgate, 350 BU.
Gehl 350 w/Endgate, 300 BU.
NH 676 w/Hyd. Endgate, 320 BU.
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tandem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

COMBINES

AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab, Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10' Grain & 238 Corn Heads, EXCEL!
MF 750 D w/Cab, Air/Heat & 630 Corn Head
IH 315 w/Cab, Grain & Corn Heads
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent

TILLAGE

IH 14' Cultimulcher
Brillion 12' Cultimulcher
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
IH 11' Transport Disc
JD 17 Disc Grain Drill

MISC.

Weaverline 224 Silage Cart, 30 BU., w/Automatic Charger, Rebuilt!
Weaverline 330 SS Silage Cart w/Automatic Charger, Excellent
Weaverline 330 Silage Cart, Rebuilt, LIKE NEW!

HAY EQUIP.

(2) NH 489 Haybine
NH 479 Haybine
NH 474 Haybine, Like New!
MF 81 Haybine
(2) Hesston 1014 Hay Conditioner
NH 273 Baler w/kicker
NH 275 Baler w/kicker
NH 320 Baler w/wire tie
Niemeyer 17' Tedder, PTO
Kuhn 17' PTO, 4 Spinner Tedder
Grim PTO Tedder
NH 442, 5½' Disk Mower, Like New
Vicon 165, 5½' Disk Mower, Excellent

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SPECIAL PRICES ON ALL TRACTORS, COMBINES AND IMPLEMENTS. BELOW AUCTION PRICES. PLUS CASH DISCOUNTS. FREE DELIVERY WITHIN 100 MILE RADIUS. FINANCING AVAILABLE.

TRACTORS

IH 3588, Radial Tires, 900 Hrs.....$22,500
IH 1066, Cab, Air.....$10,500
IH 886, 1500 Hours.....$12,500
IH 686, Low Hours $10,400
IH 1086 20.8 Rubber.....$13,500
JD 2940, 4 Wheel Drive, Low Hrs.....$15,750
JD 4020 Power Shift, Side Console...$8,500
Ford 7700 Factory Cab, 1600 Hrs....$12,500
Ford 5600, 2500 Hrs. $8,250
(3) Ford 5000's
Oliver 1855 Cab.....$7,200
Case 480C Backhoe, Excellent Condition $12,500
JD 450B Bulldozer, 6 Way Blade....$12,500
Many More
Full Line of New Zetor Tractors In Stock
Special 7745 Zetor With Cab, 4 Wheel Drive $16,000

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Case-IH- 885 w/Cab, AWD
Case-IH- 245 Compact, AWD
Case-IH- 900 Planter, 6 Row
Case-IH- 370 Disc, 11'6"
Case-IH- 96 Rake
Case-IH- 13' & 9' Chisels, 3 Pt. Model 5500
Case-IH- #40 & #11 Blades

Also-
Used IH 1440, 1437 Hrs., Local Machine
IH 1150 Grinder-Mixer
IH 1190 Haybine
IH 440 Baler, w/#15 Thrower, Nice

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	List	Sale
Model 3609 90 Bu. Spreader	$3,065	$2,625
Model 360 150 Bu. Spreader	$3,612	$3,100
Model 3618 180 Bu. Spreader w/Upper Beater	$4,346	$3,900
Model 3622 220 Bu. Spreader w/Hyd. End Gate and 2 Cyls.	$5,446	$4,800
Model 3626 260 Bu. Spreader w/Hyd. Endgate, 2 Cyls. and Upper Beater	$6,475	$5,675
Model 3632 320 Bu. w/Hyd. End Gate and 2 Cyls	$7,501	$6,750

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USED TRACTORS

IHC: 656; 300; Super A; Cubs; 140 w/Highway Mower; 2410B; 2500 Series B- 3PT Tractor Loader.
YANMAR: 226, 4WD, Like New. **KUBOTA:** 7100 HST, 4WD, Low Hours.
JD: 3020-D; 2520; 401, Ind. w/Hyd. Highway Mower.
DEUTZ: 4006 w/Loader; 6806; 6806 w/Cab; 6206; DX 130 Hydraulic 4WD, 1000 Hrs., Very Good, w/Cab; 6006.
AC: 8030; G-w/Hydraulic & Cultivator; D-17S; 160 w/Full Hyd. Loader; 175-D w/Loader; 175; 185; 190XT; 5040; 6060 w/Cab; 6060 2 & 4WD; 6080 2WD; 7040, Powershift; "B" w/3-Blade Belly Mower.
MASSEY FERGUSON: 175; 135; 65 w/Loader; 30 Ind. w/Front Loader; 40 w/Front Loader.
FORD: Side Mount Rotary Mower- Very Clean, Low Hours; 515 w/Hydraulic Drive; 545 w/Cab; 8N w/ Forklift; 600; 800; 851; 4000; 5000 w/Cab; 7600- High Clearance; 2000; 3000 w/Loader; 6600 4WD; 2110 LCG w/Hyd. Drive Side Mower.

MANURE EQUIPMENT...

NEW: FOR IMMEDIATE DELIVERY: HEDLUND MARTIN Liquid Tanks & Manure Pumps. ALSO IN STOCK: 4 Sizes SCAVENGER Spreaders.
PUMPS: CALUMET Lagoon Pump; HEDLUND MARTIN Lagoon Pump; BETTER BILT 8' Pit Pump In Very Good Condition; NEW IDEA Basin Pump; BADGER BN184 Lagoon Pump.
USED: NEW IDEA: 206 Spreader; V-MODEL Manure Spreaders, 2900 & 2200 Gallons. NI 1500 Gal Tandem Vacuum; Box Spreaders; NH: 516T; 329; NI 213. STARLINE: Tank Spreader, Tandem Axle, Left Hand. VANDALE: 2200 Gal. Liquid Manure Spreader. FARMHAND: Right Hand, Tandem Tank Spreader; Mini 15 Bu. Spreader; 3500 Gal. Liquid Manure Spreader.

NEED INDUSTRIAL EQUIPMENT?

FORKLIFTS: AC: 706 rough terrain, heavy duty - 14' mast. 600-21' mast. WARNER-SWASEY: 21' mast (diesel). DANUSER: 3PTH post hole digger - hyd. drive. NORSE: 3PT logging winch.
DOZERS: CASE: 350 diesel, 6-way blade, 3PT & PTO; Case model 300 trencher.
PAYLOADERS: AC: 640 Articulated Payloader, ¾ Yd.; 840 1½ Yd. Articulated Payloader. Also, 1.7 Yd. Articulated. **LOADER:** AC: 655, Crawler, (1 Yd.).
TAG-A-LONG TRAILERS IN STOCK: 4, 5, 9, 18 & 20 Ton. AC: 3-axle, 9-ton tag-a-long. We Also Have A MILLER Blacktop Curber. A New 22' Forklift.
SKID STEER LOADERS: BOBCAT: 722. NH: 250, Like New; JD 125; NH 250, Like New; L445 Diesel. RAYGO 2-Ton Vibratory Roller. **CRAWLERS w/BLADES:** IHC: 500-C; TD 15-B straight blade w/tilt cyl., completely reconditioned - ready for work.
TRACTOR-LOADER-BACKHOES: CASE: 580-B; 580-D. FORD: 555 w/extendaboom. AC: 715-C; 615 KUBOTA: L3350 4WD-low hours. We Also Have A 15' Tractor-Loader-Backhoe
LOADERS: AC: 840 w/Log Forks.
NEW: ASPLUNDH BRUSH CHIPPERS IN STOCK.

MISCELLANEOUS MACHINERY:

Large Selection New & Used 3 Pt. Hitch Snow Blowers For 15 To 200 HP Tractors.
Large Selection Tractor-Tire Chains.
27' Gooseneck, 3 Axle Livestock Trailer.
TRUCKS: CHEVROLET Tilt Bed Tandem Axle 26' Rollback. FORD F-600 4WD w/Snow Plow & Cinder Spreader; 1980 DODGE Dump Truck; IHC single axle dump truck; FORD 8000 Louisville dump truck.
LITTLE GIANT: Corn Drag.
STARLINE: 12' Silo Unloader, Very Good Cond., 5 HP Motor w/Tripod Winch, Elec. Controls.
WE HAVE NEW WIC EQUIPMENT. Silage Carts; Bedding Choppers And Blowers w/Roller Mill. **BUSH HOG & WOODS:** 3½, 4, 5, 6, 7 & 20' Rotary Mowers.
YORK: Stone 3 PTH Rakes.
NEW: NI: 325 2 Row Corn Picker (Narrow Row) w/12 Roll Husking Bed Or Super Sheller... One Of The Last Available. **NEW & USED GANG MOWERS**
15' MASSEY FERGUSON Reconditioned Stalk Shredder.

USED: NEW IDEA: Corn Pickers: 323, 1 & 2R, Wide & Narrow Row Available With Husking Beds Or Shellers. **GENERAC:** 40,000 Watt Continuous Duty Portable Generator. **OLIVER:** PTO 2-Row Potato Digger. **STEINER:** 40' Silage Conveyor. **HOWARD:** Heavy Duty 5' & 6'- 3-Pt. Rototillers. **MEYERS:** 500 Gal. PTO Trailer Sprayer. **CENTURY:** Tandem Axle, 1000 Gal. Sprayer, Electronic Controls. **WOODS:** C80 Trailer Rotary Mower. **SERVES:** 10' Trailer Rotary Mower. Heavy Duty 6'- 3 Pt. Hitch Rotary Mower. 15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.-Hitch, Fast-Hitch And AC Snap-Couplers. **MOTT:** Flail Mowers.

SHARP READERS SPECIALS: AC: TL-12 4WD Payloader, $6750.00. IHC: Farmall 544 Diesel Tractor, Nice.

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USED TRACTORS

JD 4640, cab, air, power shift
1981 JD 4440, cab & air, excellent
JD 4440, 4 post, quad range
JD 4240, cab, air, quad range
JD 4240, 4 post
JD 4040, cab, air, QR
JD 4040, 4 post, QR
JD 4230 fender tractor
JD 4230, cab & air
JD 2950, 175 hrs., like new
JD 2510
JD 2510 diesel, power shift
JD 2940, 4WD
JD 2940
JD 2750, cab & air, like new
JD 2750, 1,600 hrs.
JD 2550 w/loader
JD 2640
JD 2440
JD 2510 Gas
JD 2350
JD 2350 w/loader, 500 hrs.
JD 2150
JD 4320 w/cab
JD 3020 diesel
JD 4020 w/side console
JD SOLD 4WD
JD 950
JD 830, 3 cylinder
IH 3288 w/500 hrs.
IH 1066, cab & air
IH 140 w/cultivator
IH 766
IH 826 diesel
IH 674 w/2250 loader
Ford 6700, 600 hrs.
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3400 w/loader
Ford 2600 w/800 hrs.
Ford 2000
Ford 3000
AC 210 diesel
MF 265 w/loader
MF 2 SOLD loader
MF 235
Kubota 305 DT, 4WD w/loader, 600 hrs.
1980 Ca SOLD 0, cab & air, excellent

1987 Deutz Allis 7120, used 200 hrs.

JD 2750 Special
High Clearance, 4WD, Like New

INDUSTRIAL

MF 200 crawler loader
1979 IH dump truck w/DT466, new 5 to 7 yard dump body
MF 40B forklift
Gehl 4610 diesel, skid steer, 500 hrs.
NH 779 skid steer
NH 335 skid steer
Gehl 4510 skid steer
New Gehl 360 skid steer loader
NH 785 skid steer, like new
Ford 420 backhoe w/cab
Ford 3400 backhoe

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Int. 4 btm. rollover
Large selection of 3 to 7 btm. plows

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
JD 6620 hydro
JD 4400 diesel
JD 3300 diesel, used 1,000 hrs.
JD 4400 diesel, 1,500 hrs., sharp
1978 JD 7700 hydro, excellent

USED PLANTERS

JD 7000 4 row liquid, conservation
Used Moore no-till grain drill
JD 1240 plate planter, like new
New Woods 315 Bat Wing mower
New Woods 12' Bat Wing

HAY EQUIPMENT

JD 337 w/thrower
New JD 327 baler
JD 346 w/thrower
NH 846 round baler w/auto wrap
JD 1207 7' haybine
IH 7' haybine, like new
NH 488 haybine
NH 1033 bale wagon
NH 1010 bale wagon

MISCELLANEOUS

Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI Super Sheller, like new
NI 323 1 row picker
NI 2 row wide, 12 roll bed
Kewanee hydraulic fold 21' disc
JD 14' plowing disc
Moridge grain dryer, 400 bu.
1980 Ford 350 rollback, 15' alum. body
4 row Danish tine cultivator
Int. 2355 loader

1980 GMC Tandem w/26' Jer-Dan Roll Back Body

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#2050

25 H.P. DIESEL **$5,990.00**

- 8 Forward
- 2 Reverse
- 3 Cylinder
- Live Hydraulics
- Ideal For Estate & Farm Use
- Plow
- Mower
- Backhoes
- Loaders
- CAT #1 3 Pt. Hitch
- Optional Oversize Tires

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Model 380 HD Baler
GP 2.50 Round Baler
750 Gal. (Cagle) Sprayer
500 Gal. (Cagle) Sprayer
Knight 716 Spreader

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Case 1490 Tractor w/1400 hrs.
IH 656 Hydro
JD 1290 Mower-Conditioner
IH 800 4 Row Plate Planter w/Liquid Fertilizer Field Ready
AC E-111 Combine w/240 Corn Head and 10 Ft. Grain Head Excellent Condition
Used Grove forage box, 16' 3 beater w/JD gear

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PHONE: 717-866-2135

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717-866-7147
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717-273-9089

TELEX 316290

(48) CRAWLER LOADERS
IH 150.....$6500
IH 500.....$6900
Komatsu D30.....$9,500
AC 655-4 In 1.....$9,500
Case 450 w/Hoe.....$9,500
IH 250 4-In-1.....$10,000
(3) JD 350 ..... $5500-$10,500
(2) Cat 933F.....$10,500
(6) JD 450 ..... $6,500-$16,500
(4) JD 350 w/Hoe.....$13,500
IH 125C.....$14,500
(2) Komatsu D31-Cab.....ea. $14,500
(6) 450 w/ Hoe.. $12,500-$19,500
(2) Cat 931-Cab.....$17,500
Cat 951B.....$17,500
(2) Cat 951C-Cab.....$17,500
JD 555.....$20,000
Case 1150B.....$22,500
(4) JD 555-Cab-Hoe.....$23,500
JD 755.....$23,500
Komatsu D455....$24,500
Case 1150B.....$25,000
Cat 955K.....$25,000
Cat 955L.....$27,500
(2) Cat 983 w/Ripper .....$29,000 & Up

(6) LOG SKIDDERS
Franklin 130XL.....$8500
Timberjack 240.....$8500
JD 440A.....$8500
Timberjack 230...$16,500
JD 440C.....$18,500
JD 640.....$20,000

(11) SKID STEER LOADERS
Case 1845 Diesel..$3900
OMC.....$4500
JD 170.....$4900
Clark 533.....$5900
Melroe 731 Diesel.$5900
Case 1835 Diesel..$8900
(2) Case 1845 Diesels.....$9,900
Case 1835B.....$9,900
(2) NH L555.....$11,500

(34) BACKHOES
Ford 800.....$3500
MF 300.....$4500
Case 530.....$4500
JD 500C.....$6900
(2) Case 580B $7500
(2) JD 300$5000 to $7900
JD 310.....$7900
MF 2200.....$7900
MF 40.....$7900
JD 750-4WD.....$9400
(3) Ford 4500$5800 to $10,500
(2) Case 580B $10,500
Ford 6500.....$10,900
JD 310A.....$11,500
Ford 420.....$11,500
IH 260.....$11,500
(3) AC 715 .....$9500 to $15,000
Ford 550.....$12,500
(2) Case 480C $12,500
(2) JD 410's.....$13,500
Long 5 In 1.....$13,500
(2) Case 580C $14,500-$16,500
Case 580D.....$21,500
Case 580E-Super 4WD.....$29,500

NEW 3 PT. YARD RAKES
4' $395
5' $450
6' $495
7' $550
8' $595

NEW 3 PT. LANDSCAPE BOXES
4' $450
5½ '.....$475
6' $495
7' $595
8' $595

MISC. CONSTRUCTION
(100+) Used Hoe Buckets.. Come Look
(75) Loader Buckets.. Come Look
(75) Set Forklift Forks..... Come Look
Ford 4500 Frost Tooth.....$395
Ford 4500 ROPS.....$650
3 Pt. Hitch For Case 580 .....$695
12" PHD For Hoe...$795
1 Ton Bridge Crane$850
10' Foot Rake.....$1000
8 HP Mortar Mixer Like New.....$1150
2 Ton Bridge Crane $1500
Ingersol 25 HP Compressor $1500
Ripper For Cat 933 .....$1500
(4) Tree Planters .. $695-$1800
(4) Winch Attach ... $1000-$3750
Kubota 3 Pt. Hoe .$2350
Case 33 Hoe Attach. $2500
1 Ton Roller.....$2500
(3) JD Hoe Attach ... $2500-$4500
Tree Shearer.....$2900
MF Hoe Attach.....$3000
Case 450 Hoe Attach $3500
Snowblower For Big Loader.....$3900
8' Sheeps-foot.....$3900
Huber Maintainer ..$3900
Pull Type Sweeper$3900
Long 1199A Hoe Attach $3900
JD 3 Pt. Hoe.....$4450
AC D Grader $5900
(2) Wood Chipper .$5900
Huber M600 Maintainer.....$7900
(2) Gallon 503 Graders Diesel.... $6500-$8900
Wayne Stump Grinder.....$8900
Petibone 5 Ton Yard Crane.....$8900
Vemeer Tree Spade.....$15,000
JD 760 Scraper..$18,500

(18) TRACTORS WITH LOADERS
MF 303.....$3900
IH 364.....$3900
Ford 4500.....$3900
(2) MF 202$3400 to $4500
Mitsubishi.....$4900
White 2-63.....$4900
White 2-44.....$5500
MF 135.....$5900
JD 650-4WD.....$6400
IH 240A-Diesel.....$6500
MF 40.....$6500
IH 2500A.....$6500
Ford 3400.....$6500
Ford 2110.....$6900
MF 1030-4WD $7650
Ford 335.....$8900
IH 260A.....$$10,500

CONSTRUCTION EQUIPMENT

NEW 1988 TRAILERS ON SPECIAL
- 2 Axle, 5 Ton, 14 Ft. $1,695
- 2 Axle 5 Ton, 16 Ft. $1,795

(8) TRUCKS
1953 Chevy Pickup.....$2400
1977 IH 1750 Diesel Dump $3900
1969 Mack Dump..$4900
1979 Chevy C60 Flat Dump $4900
1980 Chevy C30....$5900
1985 Ford E350 Mini Bus.....$16,500
1970 GMC Astro w/24' Rollback.....$17,500
1981 GMC Tandem Rollback.....$29,500

(15) FORKLIFTS
IH 2400.....$4400
AC 5000 Lb. $4500
White 4000 lb.....$4900
AC 4000 lb.....$6900
Baker 4000 Lb.....$7900
Komatsu 5000 Lb. $7900
Yale 5000 Lb. $7900
Ford 28'-RT.....$7900
IH 5421-21'.....$7900
MF 2500D-14'.....$8900
Case 580D-21' $8900
Skytrack.....$9900
AC 1600-21' $12,900
Case 584D-21' $13,500
Case 586C.....$18,500

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McCormick T20.....$1700
Cat D2.....$2500
Oliver HG.....$2800
JD 40.....$3200
Oliver OC4.....$3500
JD 440.....$3500
Case 450.....$5500
IH TD9-92.....$5900
(2) Cat D6B.....$8500
(6) JD 350 ..... $5500-$10,500
Komatsu D30 Cab.....$11,500
(3) Cat D4D . $12,500-$17,500
JD 550.....$18,500
Cat D3.....$19,500
Case 850B-6 Way.....$19,500
(4) JD 450 .. $11,500-$19,500
Cat D3B-6 Way ..$22,500
Cat D6C.....$23,500
Case 1150C-Cab-Ripper.....$29,500
IH TD 25C w/Ripper $55,000

(17) RUBBER TIRED LOADERS
Case W7.....$4500
Michigan 55-Cab.....$5500
Trojan-Cab.....$6500
IH 500.....$6500
Hough 50C-Cab.....$7500
JD 544.....$7500
Ford A62.....$8500
Waldon w/Hoe....$10,500
Ford A64.....$13,500
JD 544.....$16,500
(2) Ford A62.....$22,500
Case 730.....$22,500
Cat 910.....$23,500
JD 544B.....$24,500
JD 644B.....$34,500
Cat 988.....$49,000

(20) TRAILERS
3X Tag-A-Long $900
1X Tag-A-Long $1250
1988 2 Axle 5 Ton..... $1695-$1795
(2) 2X Tag-A-Long $2000
3X Tag-A-Long $2900
1986 9 Ton Gooseneck.....$4900
25 Ton Lowboy.....$5900
1988 10 Ton Tag-A-Long $6200
25 Ton Lowboy.....$6900
35 Ton Lowboy.....$6900
1988 12 Ton w/Air.....$7700

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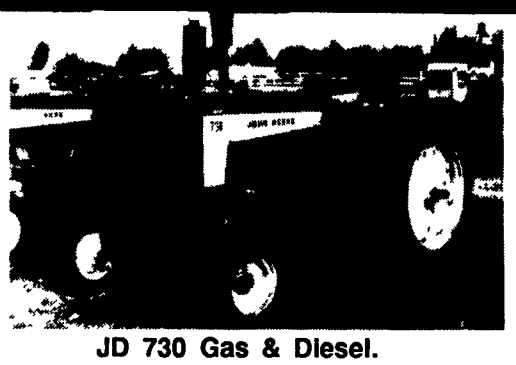
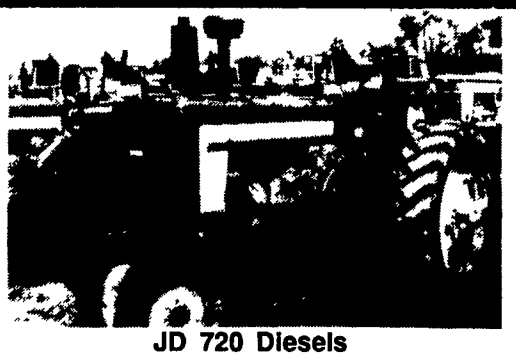
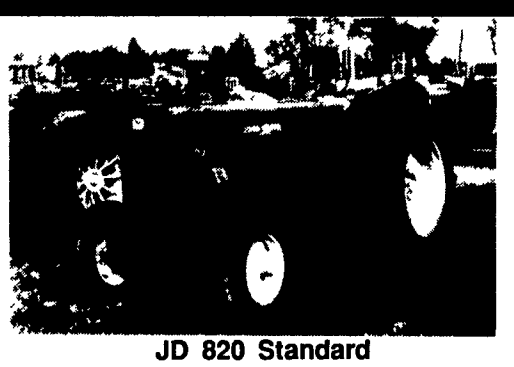


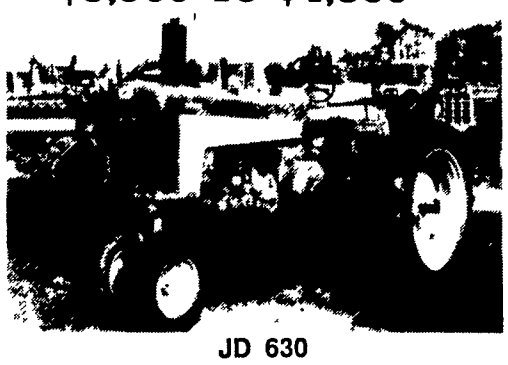
JD 730 Gas & Diesel.
We Have 6
$3,500 To $4,900



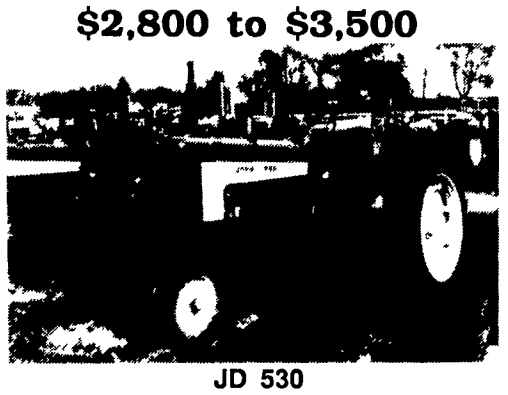
JD 720 Diesels
5 In Stock
$2,800 to $3,500



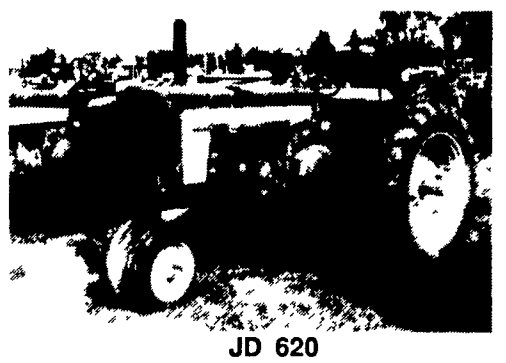
JD 820 Standard
$3,500



JD 630
One Only
$3,800



JD 530
Choice Of 2
$2,900



JD 620
3 To Choose From
$2,500 To $3,150

NEW 3 PT. POST HOLE DIGGERS

Your Choice 6", 9", 12" Augers.....$495

NEW 3 PT. DISC'S

5½' Combination Blades.....$495
6½' Combination Blades.....$550

FARM TRACTORS

JOHN DEERE

B-Cyclone.....$1200
(4) A-Gas.....$1150 to $1450
60 Standard.....$1500
620 Orchard.....$1500
AR.....$1500
60.....$1600
(2) AO-Standard.....$1400 to $1700
(2) M-WF.....$1900 to $2500
(2) L.....$1900
70 Gas.....$1900
420-WF-3 Pt.....$1900
LA With Cult.....$1900
430-WF-3 Pt.....$2200
MT-Nice.....$2400
(2) 620-Gas.....$2500 to $3150
(2) D-On Rubber.....$2500 to $5000
G-"GM" Serial Plate.....$2500
GP-Wide Front.....$2600
420-HI Clearance-WF-3 Pt.....$2900
(2) JD 530-3 Pt.....$2900
40-WF-3 Pt.- Nice.....$2900
(2) 435 Diesel.....$3000
(5) JD 720-Diesel-3 Pt...$2800 To $3500
820 Standard.....$3500
JD 630.....$3800
830-3 Cylinder-WF-3 Pt.....$3900
320-WF-3 Pt.....$3900
520-WF-3 Pt.....$3900
301-Gas w/Mower.....$3900
430-1 Row-Cult.-PS.....$3900
2510 With Loader.....$3900
"G"-Unstyled-Restored-Nice.....$4500
80-Standard.....$4500
3020 Diesel-WF-3 Pt.....$4900
(6) 730 Diesel-3 Pt.....$3500 To $4900
5020 Diesel.....$5900
330-WF-3 Pt.....$6900
2040 Tiger Stripe.....$7900

MASSEY FERGUSON

35 w/Mower.....$2500
235 Diesel-Needs Steering Work..$3900
1105 Diesel.....$4500
1150-Cab.....$4900
135-Gas-WF-3 Pt.-PS-Clean.....$5900
1080 Diesel-Nice.....$5900
165-Gas-Nice.....$5900

FORD

2000 Gas-WF-3 Pt.-Nice.....$4500
2000-1 Row-Cultivator-Hi Clear-3 Pt.....$5900
County-4WD-Cab.....$7900
8700-Cab-Air.....$8900
7600-Diesel-78'.....$9500
3910-Diesel-Demo.....$11,900

CASE

930CK-WF-3 Pt.....$4400
1030-Diesel-Cab.....$4900
1470-Cab-3PT-4WD.....$5000

ALLIS CHALMERS

D12-WF-3 Pt.....$1900
D14-Gas-WF.....$2500
5040-Diesel.....$2500
D15-Gas-WF-P.S.....$2500
WD45-PS-Wide Front.....$2800
D15-Gas-Series 2-3 Pt.....$3400
190XT-Diesel-3 Pt.....$4900
180 Diesel-WF-3 Pt.....$4900
7080-Cab.....$5800
185-Diesel-Clean-1980.....$7500

OTHER NAME BRANDS

Kubota B7100 HST w/Mower.....$3900
(3) Imt. 539-Diesel-WF-3 Pt.....$5900
Kubota L275-4WD-w/Mower.....$8500
Steiger Bearcat II Cab-Duals.....$18,500

OLIVER

Super 77 Gas.....$1350
(3) 88 Diesel.....$1500 to $2000
(2) 70-Gas.....$950 to $1650
MM M5-Diesel.....$1900
770 Diesel-WF.....$1900
MM Super 4 Star.....$2700
1900 GM-WF-3 Pt.....$2900
1800 Diesel.....$2900
1600-Gas-WF-3 Pt.....$2900
550-Gas-PS-3 Pt.....$3900
1750 Diesel-As Is.....$3900
MM G1000 Diesel.....$4900
1850-Diesel-WF-3 Pt.....$4900
1950 GM-WF-3 Pt.....$5400
1855-WF-3 Pt.-1973.....$5900
MM G1000 Vista-Diesel.....$5900
2255-Cab-Nice.....$7900
1955-Cab-Low Hours.....$7900
4-150, Cab-Duals-3 Pt.-PTO.....$10,500

FARMALL

240 w/Mower.....$1900
230-Gas.....$1900
AV w/Cultivators.....$1900
350 Gas-Utility.....$2350
(3) Super C.....$1650 to $2350
560-Gas-WF-FH.....$2900
Super A w/Cultivators.....$2900
(3) Cub's.....$1800 to $2500
140 w/Mower.....$3900
2424 w/Mower.....$3900
454-Gas-PS-3 Pt.....$4900
(2) 886-1976-WF-3 Pt.....Each $5900
(3) 686 Diesel-ROPS.....$5900 to $6900
1206 Diesel-WF-3 Pt.....$6900
274 Diesel-3 Pt.-Cult.....$6900
856-Diesel-Nice.....$6900
84 Diesel-Hydro.....$8500
1466-Cab.....$8500
1066 Cab-Nice.....$9500
1566-Red Cab-Nice.....$10,500
560-Gas-FH-Mint.....Call

NEW ROTARY MOWERS

4' 3 Pt HD.....$495
5' 3 Pt. HD.....$495
4' Pull HD.....$595
5' Pull HD.....$695
6' 3 Pt. HD.....$795
6' Pull HD.....$895
4' 3 Pt. Estate Mower.....$1095
5' 3 Pt. Estate Mower.....$1095
6' 3 Pt. Estate Mower.....$1195
7' 3 Pt. Estate Mower.....$1295
7' 3 Pt. HD.....$1495
7' Pull-HD.....$1595

OTHER NEW 3 PT. TOOLS

Round Bale Feeder.....$145
3 Pt 1 Row Cultivator.....$150
3 Pt Seeders- Broadcasters.....$350
3 Pt Subsoiler.....$395
3 Pt Woodsaws.....$495
3 Pt. Wheel Rakes.....$495
2x14" 3 Pt. Plow.....$595
5' 3 Pt. Aerator.....$695
9' Hay Tedders- 3 Pt.....$895
9' Hay Tedders- Pull.....$895
3 Pt. 52" & 58" Rototillers.....$1275
3 Pt. 1 Row Potato Diggers.....$1495
3 Pt. Sickle Bar Mowers.....$1695

NEW 3 PT. SCRAPER BLADES

6' 3 Pt HD.....$195
7' 3 Pt. HD.....$225
7' 3 Pt. Monster Duty.....$695
8' 3 Pt Monster Duty.....$795

NEW CORNSHELLERS

3 Pt Economy.....$795
3 Pt Standard.....$1395
Pull Standard.....$1495
3 Pt Deluxe.....$1695
Pull Deluxe.....$1795

MACHINERY

Cultipacker	$95	IH 4X Semi Plow	$895
2X Spike Harrow	$95	Woods-6' 3 Pt Rotary Mower	$895
JD KBA Wheel Disc	$195	(2) Bin Wagon On Gear	$1000
(3) 4X Rotary Hoes	$295-$595	JD 4230 Cab	$1000
(3) Souder Loaders	$195 to $295	Cab Off Case 1030	$1000
IH Cub Rotary Mower	$295	Loader Off IH 300	$1000
Skeleton Elevator-24'	$295	Loader Off Oliver 550	$1000
JD 3x14" Pull Plow	$295	Loader Off Long 560	$1000
(3) 2 Row 3 Pt Cultivator	$295	Loader Off IH 2400	$1000
IH Super C 2X Cult w/FH	$295	JD 30 Combine	$1050
Loader For JD "A"	$300	JD 1250 3x16" Plow	$1095
MF Hay Rake	$300	JD 894A Hay Rake	$1150
3 Pt Disc	$350	JD 16A Flail Chopper	$1200
(2) Mechanical 1x3 Pt Transplanter	$395-$495	JD 1240 Plateless Planter	$1200
Ford 1x3 Pt Plow	$395	Oliver 1855 Cab	$1250
Cab Off Case 1030	$400	NI Hay Rake	$1250
IH Cub Snow Blade	$450	Loader For MF 165	$1250
IH Cub Lowboy Snow Blade	$450	(5) JD Wheel Discs-8' to 12'	$895-$1495
(2) JD 290 2X Pull Planter	$295-$495	YAR Cab w/Air For AC 190	$1500
3 Pt Woodspliter.	$495	IH 4x Frt Mtd Cult	$1500
JD 2x3 Pt Plow	$495	IH 710 5X Plow	$1600
Ford 2x3 Pt Plow	$495	Brillion 6X 3 Pt Cultivator	$1650
IH FH Sickle Bar Mower	$495	74" 3 Pt Rotovator-Demo	$1675
(5) 3 Pt Field Cultivators	$495-$795	JD RM4 Cultivator	$1695
JD 43 Cornsheller	$595	(2) NH 451-3 Pt Sickle Mower	$1695
IH 2X FH Trip Plow	$595	IH 435 Baler w/Thrower	$1750
(2) Flat Wagons w/Sides	$650	JD 145 Loader	$1850
Loader For IH C	$695	Gehl 770 Haybine-7'	$1900
(4) 3 Pt Tree Planter	$695 to $1800	Rock Picker	$1900
3PT Snow Blower	$695	Brillion 12' Rotary Mower	$2250
JD 3x3 Pt F125 Plow	$695	IH 12' Stalk Chopper	$2300
JD 1 Shank Pull Subsoiler	$695	NI 323 1 Row Picker	$2500
NI 10' Lime Drill	$695	Willmar 7 Ton 2X Fert Spreader	$2650
3 Pt Post Driver	$750	(2) Heavy Wheel Disc	$2750
David Bradley Manure Spreader	$750	Shultz 12' Stalk Chopper	$2800
IH 14' Wheel Disc	$795	Bush Hog 18' Wing Disc	$2850
MF 428 4 Row 3 Pt Cult	$795	JD 1520 Wheel Disc-16' w/Rake	$2850
Forage Wagon	$795	White 348 3x16 Reset Plow New	$3000
Loader Off AC WD45	$795	Bush Hog Offset Disc	$4800
Loader Off Farmall H	$795	NH 851 Round Baler	$4900
Brillion 16' Harrow On Wheels	$795	NH 846 Round Baler	$5500
Mott 6' 3 Pt Flail Mower	$895	(2) AC Gleaner F Combine Gas & Diesel	Call
IH 3 Pt Sickle Bar Dyna Balance	$895	IH 815 Diesel-Hydro-Combine	Call
Shultz PTO Spreader	$895	IH 915 Diesel-Hydro Combine	Call
JD F145 4X Plow	$895	JD 4400 Diesel R Screen	Call
JD RG-4x3 Pt Cult	$895	Lots More Not Listed	Call

By Cosmo (Div. of International Machinerey Corp.)
Powering PTO, PTO r.p.m. 540, Weight (lbs. 484); Blades 42, Work width-lateral aperture (4 ins.).

CHIPPER AC42

The Chipper AC42 is the ideal machine for cleaning up orchards and greenhouses.

With its 42 blades made from tempered steel it resolves ecologically the problem of the elimination of ligneous residues and accelerates the natural process of transmofrmation, reducing branches, grass and leaves to the base material essential to the production of organic compost for soil enrichment

The machine can be powered either using an electric motor or from the power take-off of an agricultural tractor

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TRACTORS:
IH Farmall "C"
Farmall C w/6 Ft. Woods Undermounted Mower
Int F12 w/Cult., $450 - Runs
Int 300 Utility
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Cub w/Mott Mower- Real Nice
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
154 Lo boy w/60" Mower
David Brown 990 - Fair Cond
Cub Equipment - Plow, Cult, Disc, Etc
Massey Harris Model 30
Ford 2110 Gas LCG w/730 Ford Loader

HAY & FORAGE:
NH N[SOLD]ower
(2) NH [SOLD] Blowers
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower
550 IH Chopper (Parts)
Hesston PT-10, $1,500
JD 24T [SOLD]/Kicker- $1,025
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IH 27 Baler - Real Nice
IH 430 Baler w/Thrower
IH 445 Baler, 1 Yr. Old
IH Direct Cut Head For 15 or 16 Chopper
IH 1190 Mower Conditioner - Nice Shape - $3,900
Fox Blower
JD 1209 Mower Cond, 9 Ft.- $3,250
Pittsburg 3 pt. Wheel Rake- $650

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Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 782- Real Nice Shape!
Cub Cadet 982, 20 Hp, w/50" Mower-Rental, $3,200
Cub Cadet 482 & 582
JD 110 w/Mower
JD 210 w/Mower
Grasshopper 1822 Diesel, With or Without Bagger
Grasshopper 1822 Gas, With or Without Bagger
Toro Professional 76 w/3 New Extra Reels
Woods 210 Offset Mower
Woods R107 HD Trailing Mower, Good Shape!
Jacobsen 1974 F-20 Fairway Mower

Good Selection of Used Cub Cadets In Stock

PLANTERS:
IH 56 4-Row Planter
IH 658 6-Row Narrow Dry Fert
IH 3 Pt. Hitch Rotary Hoe, 15 Ft. Folding - $975
Case Pull Type Rotary Hoe
JD 1240 [SOLD], 30", Liq
Oliver 76 18x7 SD Grain Drill

TILLAGE:
Pittsburg 11'6" Disk
IH 37, 35 In Various Sizes
IH 3 Pt. Hitch 2-Bot. Plow
Int 360 20 ft. Trailing Field Harrow
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
1-Bot. Trailing Plow
Dunham Lehr 12' Packer Mulcher- Poor Condition
Case 12 Ft. Trailing Chisel Plow

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $3,000
IH 844 Cornhead - $2,500
IH 810, 13 Ft. Head - $2,500
MF 1144 4-Row Wide CH, $4,250
744 Wide Cornhead for 715, Ex. Cond
743 N Cornhead for 815, Ex. Cond
MF 510 Diesel- Nice Shape
JD 7720 Combine, 6 row cornhead, 15 ft. soybean head, nice shape

COMBINES & EQUIP. FOR PARTS:
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IH 403 Gear, 4R W Hd. & 12 Ft Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 656 Planters
JD Van Brunt 13x7

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IH Loader For 300 Utility
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JD 6600 gas, rotary screen w/grain, $5,000
JD 4400 diesel, rotary screen, $7,000
(2) JD 40 w/10' grain & 2R
JD 45 square back w/2R 10' grain & cab
1977 JD 6600 side hill w/6R 30" & 14' grain, $19,500
JD 6600 rotary screen diesel w/grain, $7000
JD 6600 w/grain, $7,000
JD 3300 gas w/2 heads
AC E w/10' grain & 2R
AC FKS dsl. w/heads $7000
AC Gleaner F2, hydro diesel w/heads
AC F2 diesel w/grain saver, 13' grain head, choice of 4R 30" or 4R 38" corn head, A1 cond., real nice, one owner
AC Gleaner M Dsl. Hydro grain saver w/4R 30" black corn head & 12' grain, $13,500
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AC Gleaner FKS gas w/2 heads
AC late C2 w/grain & 4R corn, $3,950
Gleaner F2 w/heads
Gleaner K w/10' grain & 2R corn, $4,000
(2) C-2 Gleaners w/4RW for 4RN & grain head
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Massey 72 w/12' Grain
Massey 82, $1,200
Massey 35, 8' head
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MF 550 hydro, dsl., choice of heads
(3) MF 510 diesel w/head
(4) MF 410 diesel w/heads
MF 510 diesel, hydro w/ heads
MF 410 diesel, hydro w/ heads
(3) MF 300 gas, cabs & heads
MF 300 cab, 12' grain, 3R 30" & 2R 38" corn, nice shape
MF 300 diesel, quick tach w/ heads
MF 82 2R corn & 12' grain
1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/ grain 6R 30" or 4R 38", clean, one owner.
Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
IH 91 w/grain & 2R corn
IH 1460 diesel hydro w/4 or 6 row corn & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1440 Axle Flow Combine w/grain & 4R corn
IH 915 diesel, turbo, hydro w/ grain & 4 or 6R head, $13,000.
IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
IH 615 gas w/810 flex, 2 or 3R corn
IH 403, gas, cab, 4R 30" & grain head
IH 205 w/grain 3R, 30" or 2R 38"
IH 76 pull type, PTO w/bin
IH 715 hydro diesel w/grain & corn
IH 715 gas w/13' grain & 4R 30" corn
IH 203 10' grain & 2R corn
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Twin Rotary, Cat. dsl., cab, air, radio, 28x26 rubber, low hrs., nice
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $6,000
(2) Case 600, 10' Grain & 2R or 3R Corn

CORN HEADS

TRACTORS
JD 70 gas, 3PT
(3) Ford 850 gas, 3PT
Ford 9N, all original
Ford 5000 Tractor, late model overhauled, new paint, new tires
Fordson Silver King
AC 190, gas, WF, 3PT
AC Road Grader, good running, new paint
AC 5040 diesel w/2 pt.
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Late Farmall M
Farmall F20
Farmall Super M w/WF, $1,375
Farmall M, late model
Farmall Super A w/plow & C mower
Farmall 100 w/1 row cultivator
Oliver 550, PS, 3PT
Oliver 1600 gas w/3PT
Oliver Crawler w/Roll Guard
IH 656 gas, WFE w/IH loader
IH 3444 industrial dsl. w/3PT & loader
IH 340 gas w/loader
IH 450 gas, PS
IH 350, diesel w/PS
IH 504, power steering, 3PT
IH Hough Payloader
IH 400 Dsl. w/power steering
IH 674 dsl., row crop, 65hp
Yale 3000 forklift, needs trans. work, $800
C Allis w/belly mower
Massey Pony

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IH 540 w/hyd. gate, $1375

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Oliver 1800
Farmall M
Super M
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Massey 44 & 444
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(2) off-set discs from 8' to 11'
JD 10 to 14' RWA discs
JD 12' heavy duty disc, $2500
JD RWA 13' wheel
4 IH 37 10' to 13'
MF Trail type chisel plow
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Athens 3PT chisel plow
10 & 12 tooth trailer chisel plows
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8, 10, 12, & 14' Wheel Disc
7 & 8' drag discs
Good selection of wheel discs

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ROTARY MOWERS
IH 12' pull type
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Ford 6' pull type
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2 Woods 7' trailer
20 New 6' 3PT IHMC
3 pt. 6, 7 & 8'
Also pull types.

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JD 10 tooth trailer type chisel plow
JD 1450 Hillside Hitch 4x16, nice
JD 4 & 5 btm.
IH 3, 4 & 5 btms.
Ford & JD 3PT 2-btm.
Oliver 6-btm. 16" on land hitch
Ford 3-btm. 16", auto reset
15 plows, 2 to 7 bottom

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Case late 555 same as Hesston PT10
Hesston 10' hydro-swing center pivot hitch, $2850

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1970 IH TT cabover w/250 Cummins engine w/1976 Trail Eze 48' combine trailer, all in good shape, $12,500

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Post Hole Diggers
Snow, Dirt, Manure Blades
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IH TD5 Crawler, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD M, 4020 dsl, 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B AC 180, D14, D15, D17, D19, WD, WC, CA, C, B MF. 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20 Case 600, 300, DC, SC, VAC Ford 6000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 880, 88, 77, 70, 66, 60 MM 5 Star, R, Z, E3 Coop.

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Delayed payment on ag tractors to 6-1-89.

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Case W14 Wheel Loader
Case 1410, Diesel, Power Shift
Case 2090 Canopy, Power Shift
Case 2094, Cab, Power Shift
Case 2670, 4WD
MF 230, Diesel
MF 30E Tractor Loader, Cab
Case 580CK Tractor Loader
Case 580D Loader Backhoe
Case 580CK Loader Backhoe
Trojan 1900 Wheel Loader

IMPLEMENTS
Hay & Forage

IH 225 Hay Swather
Gehl FB99 Blower
Gehl HA 900 Hay Pickup
Gehl 2RN Row Crop
Gehl 2RW Row Crop
Gehl 1460 Round Baler
NH 25 Forage Blower
JD 350 Sickle Bar Mower
JD 800 Winrower

Miscellaneous

JD 750 Grinder Mixer
NI 325 Corn Picker
NI 5 Bar Rake
Ontario Grain Drill
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MF 375, 4 WD
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MF 283, Price Conscious Tractor
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MF 240's available
MF 1030 turf, 2 WD, Call for special price
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Ford 5000 row crop
Ford 445 industrial w/loader 1983
Ford 6600, 4WD w/loader
Ford 7000 w/DP
Ford 7700, 1980 w/DP, Cab & Air
Ford SOLD DP
Ford 7600 w/Cab & SOLD
Ford 7700, 1979 w/DP
Ford 7710, 75 hrs. w/cab & air
Ford 8210, 350 hrs., 4WD w/cab & air
Ford TW20 w/4WD & Cab
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JD 2940, 4WD
JD 555, 1980 crawler loader
IH 574
IH 786
IH 856 SOLD
IH 1466
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MF 20 industrial
MF 135
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Long SOLD /Loader
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New Long 610, 4WD
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New Mitsubishi 372, 15 h.p.
New Mitsubishi 180, 4WD, 18 h.p.
New Kioti 22 h.p.
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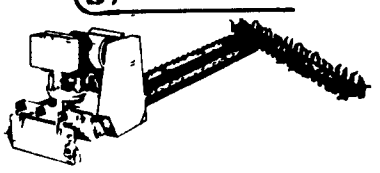

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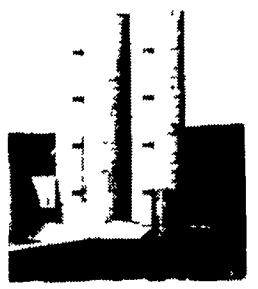

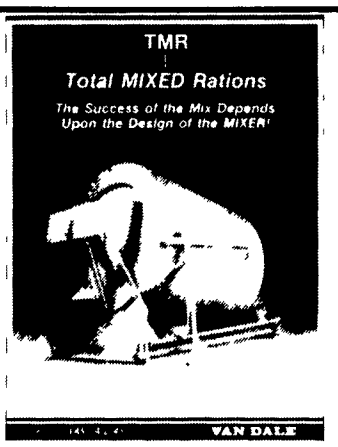

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Farmall 450 Dsl. w/2 Row IH Picker
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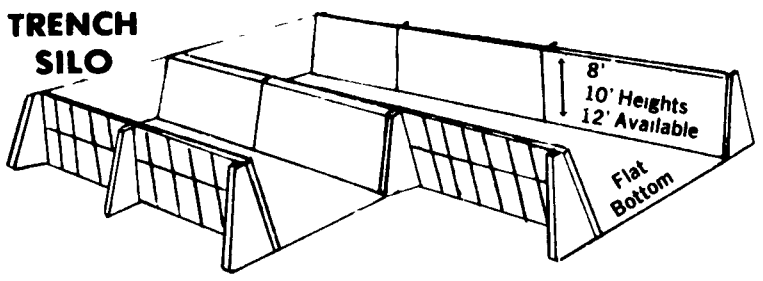

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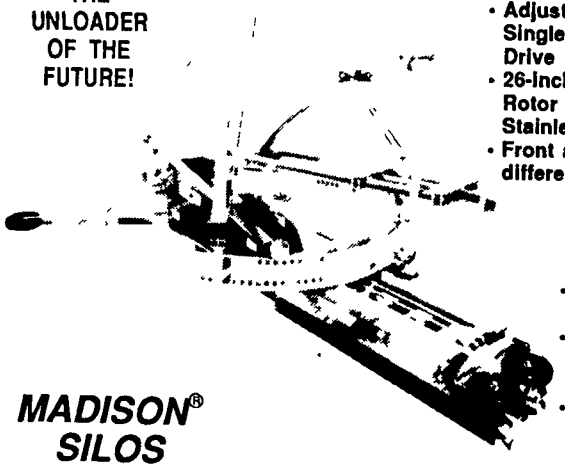

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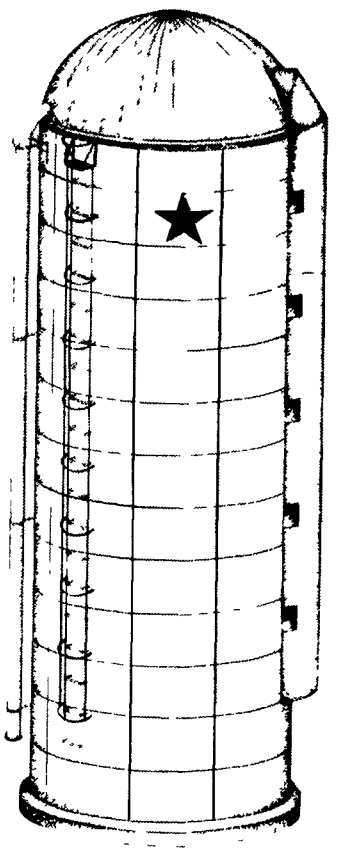

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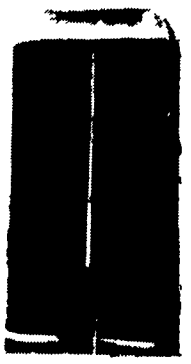

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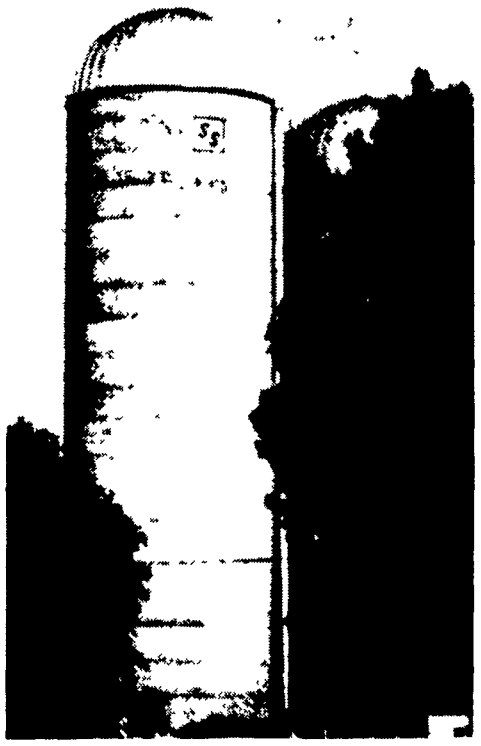

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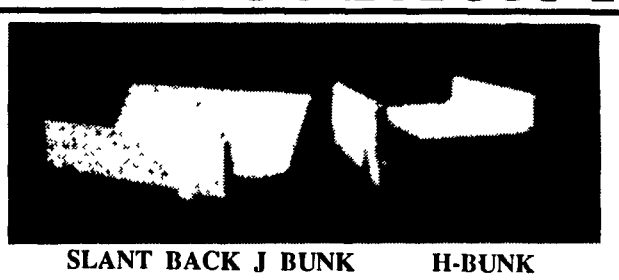

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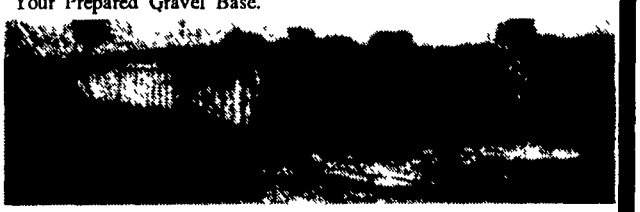

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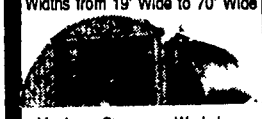

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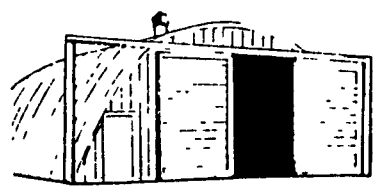

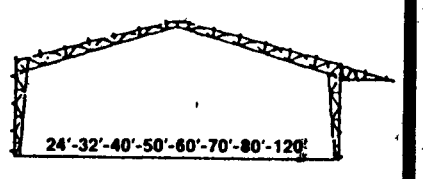

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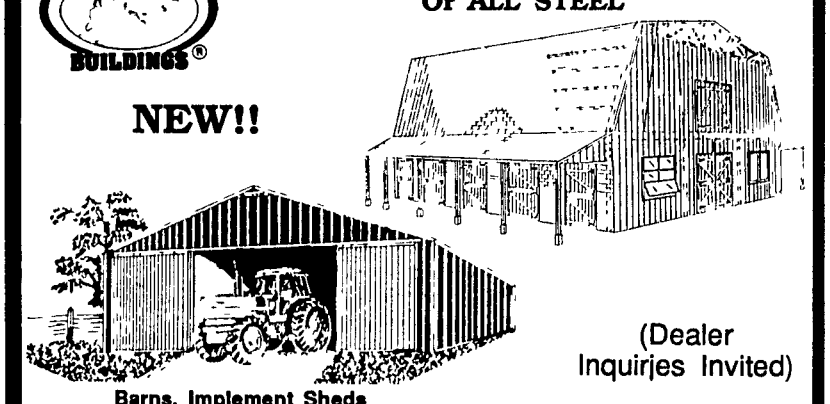

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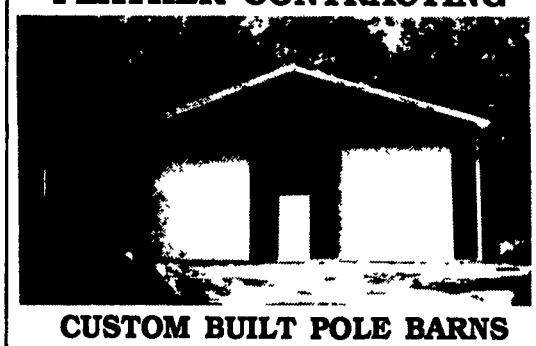

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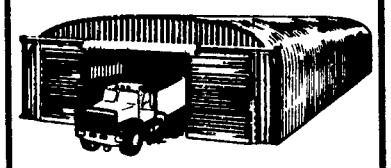

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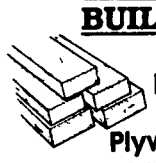

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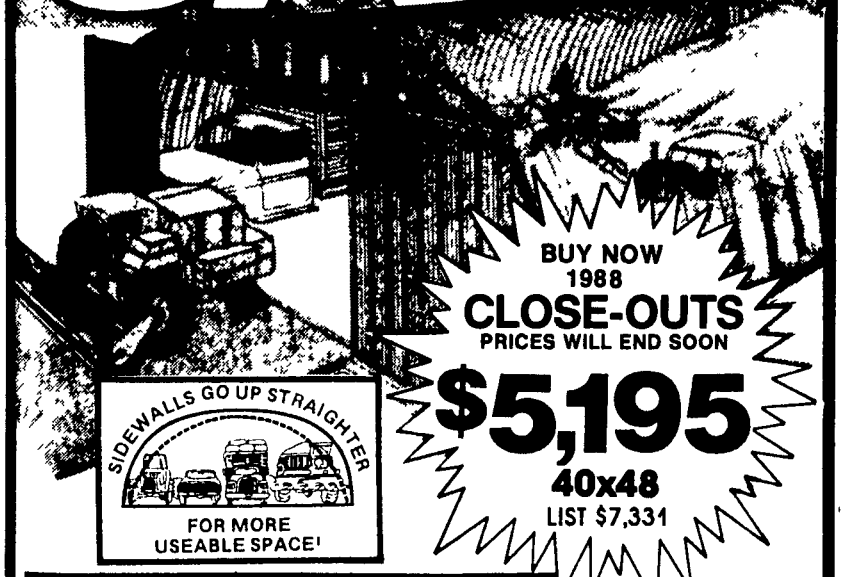

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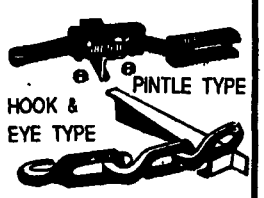

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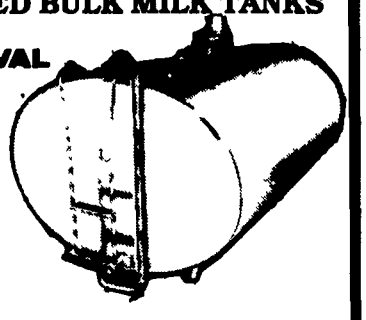
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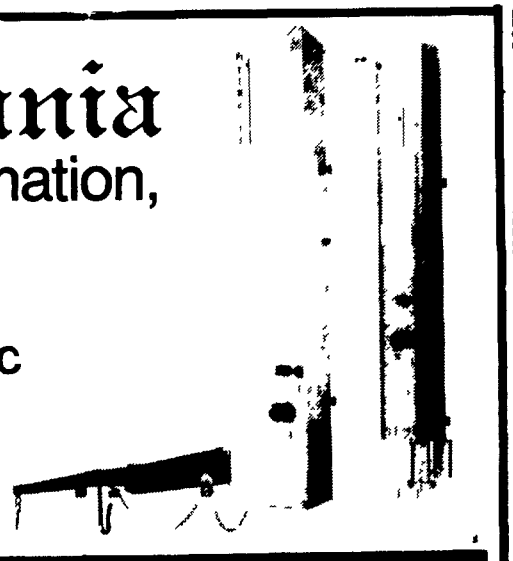
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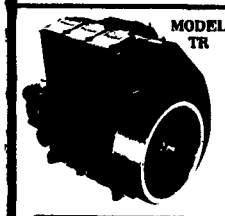

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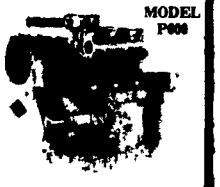

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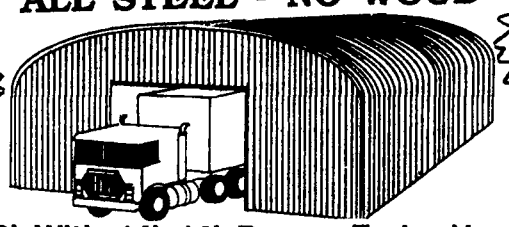

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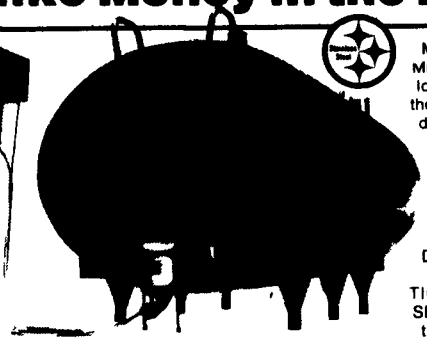

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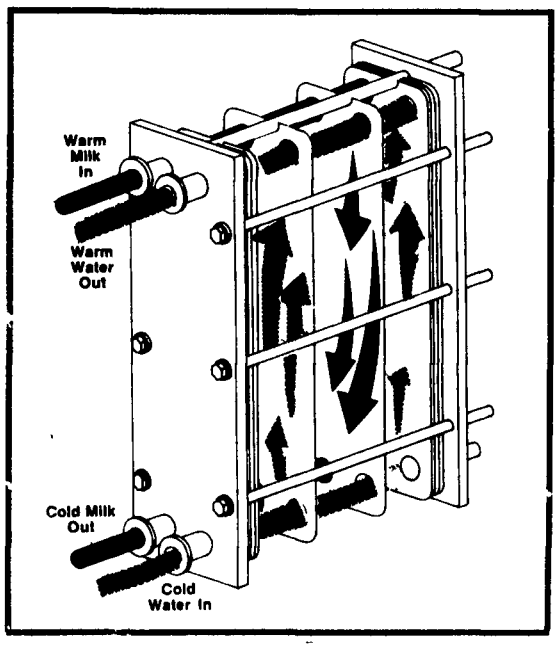

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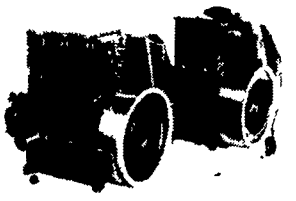

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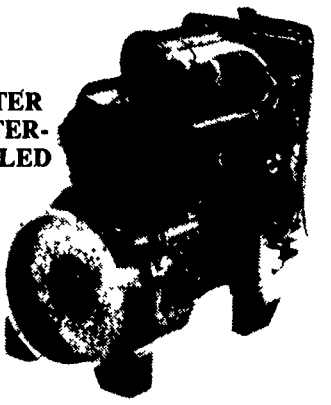

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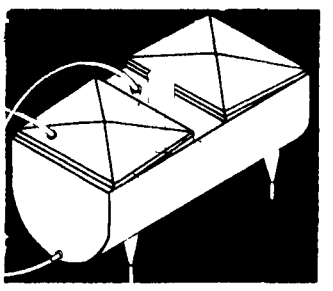

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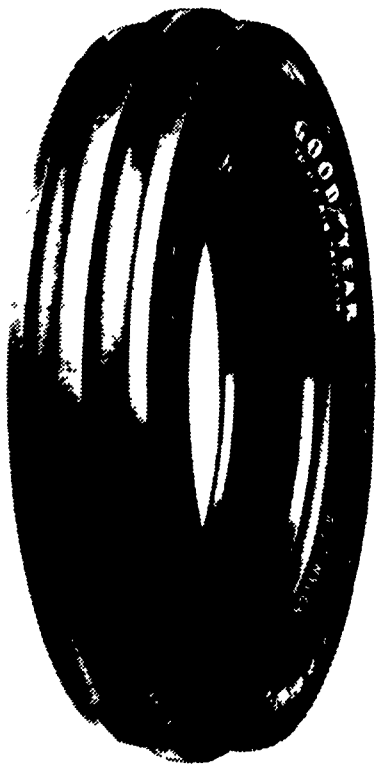

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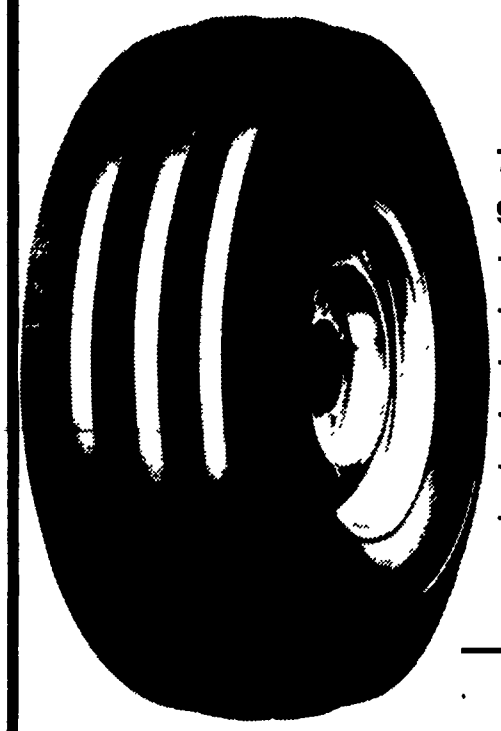

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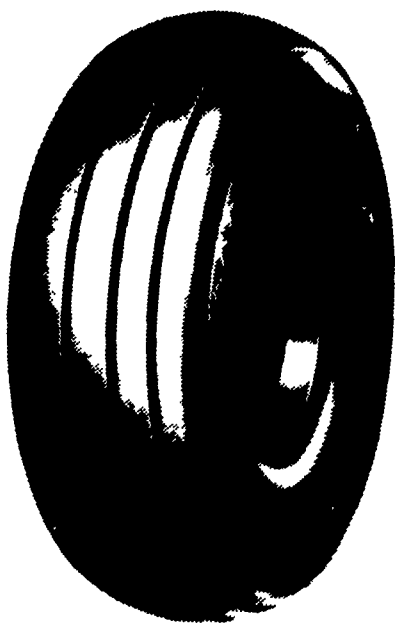

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Butterfat jumped 6 points on Master Mix ProTek®

JOHN RHOADES
Ligonier, Pennsylvania

HERD PRODUCTION RESULTS

	Master Mix
Date	April, 1988
Number of Lactating Cows	52
Production/Cow/Day	58
Butterfat Test	3.88

When John Rhoades and his sons in Ligonier switched to Master Mix ProTek two years ago, the largest improvement they saw was in butterfat. They're getting six extra points, which makes for a nice bonus on the milk check.

Says John, *"Since going to Master Mix ProTek 1785 complete feed, I know we are putting more money in the bank."*

"...Putting more money in the bank."

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Hay
Haylage
Corn Silage

MILKING RATION PROGRAM
Ear Corn
Master Mix ProTek 1785

Master Mix®

Lower feed costs, higher production

HELENE AND
DR. ROBERT DREISBACK DVM
Hamburg, Pennsylvania

HERD PRODUCTION RESULTS

	Master Mix	Past Program
Date	April, 1988	May, 1985
Number of Lactating Cows	87	64
Production/Cow/Day	45	39
DHIA Rolling Herd Avg.	14,089	12,328
Butterfat Test	5.0	4.9

Robert and Helene Dreisback found Master Mix ProTek reduced their feed cost while boosting milk production by six pounds a day for their 87 cows.

We have been using Master Mix high energy feeds for a long time with great results. We switched to a Master Mix ProTek high energy feed to save $10 per ton. Along with feeding less protein, our herd average and fat increased significantly."

"...Along with feeding less protein, our herd average and fat increased significantly."

ROUGHAGE PROGRAM
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Haylage
Corn Silage

MILKING RATION PROGRAM
Master Mix ProTek® 1490
Master Mix ProTek 1891
Cottonseed and Beans

Master Mix®

Mixed herd averages of 22,148 pounds milk for Holsteins and 14,100 for Jerseys on Master Mix Protek®

RODNEY RANKIN AND SON JASON
Burgettstown, Pennsylvania

Rodney and Jason Rankin milk 22 Holsteins and 22 Jerseys. They credit Master Mix ProTek 25 for their increased production. Master Mix cobactins, a microbial feed additive, also helps the Rankin herd stretch for higher production.

HERD PRODUCTION RESULTS

	Master Mix Holsteins	Master Mix Jerseys
Date	April, 1988	April, 1988
Number of Lactating Cows	22	22
Production/Cow/Day	70	44
DHIA Rolling Herd Avg.	22,148	14,100
Butterfat Test	3.6	5.0

Rodney says, *"We started feeding Master Mix ProTek 25 three years ago and have been increasing our production ever since. Master Mix ProTek helps keep cost in line, while we work for higher production. Six months ago I tried a conventional 38% concentrate. In three days we saw a drop in milk and test, so we're back to Master Mix ProTek to stay."*

"...we're back to Master Mix ProTek to stay."

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Eastern National 4-H Roundup Held

LOUISVILLE, KY — Four top 4-H project members from Bucks County represented Pennsylvania in the horse bowl contest at the Eastern National 4-H Horse Roundup. The Roundup, which is part of the North American International Livestock Exposition, provided youth enrolled in 4-H horse projects with the opportunity to demonstrate their knowledge of equine-related subject matter in a national competitive setting.

The event included horse judging, horse bowl, public speaking, individual and team demonstrations and hippology contests. Horse Bowl is similar to scholastic scrimmage or college bowl contests in which a quick recall of specific information is tested. All questions in the horse bowl competition are directly related to horses.

Members of the Pennsylvania State Horse Bowl team were (captain) Katherine Moss, 19, Perkasie; Jennifer Fisher, 17, Pleasant Valley; Eileen Donnelly, 16, Hellertown; and Jackquelyn Usner, 18, Pleasant Valley; Nancy A. Hottle, of Coopersburg and Eileen Fisher of Pleasant Valley accompanied the group to Louisville. The team placed sixth overall in the competition and team captain, Moss, was the highest scoring individual. More than 85 individuals competed in the Horse Bowl contest.

Working with horses has been a major part of the team member's participation in 4-H. Katherine has worked on project's such as novice, tenderfoot, and junior horsemen. She also has taken veterinary science and horse & clover projects. Jennifer completed projects from novice horseman through advanced horseman; veterinary science, and horse and clover. She has experience in English and Western riding and pleasure driving. Eileen has worked from the novice to junior horseman level completing all horse projects and inserts. Jackquelyn has worked from novice through senior horseman level and has taken several years of horse pro duction. All team members are members of Spurs N Burrs 4-H Club which meets at the home of Mr. & Mrs. Clarence Hottle. They competed on a local, county, regional, and state level to earn the right to participate in the national competition.

During the three-day event Pennsylvania teams competed for honors with more than 350 other 4-H members.

The members of the Pennsylvania Horse Bowl team are, from left, Nancy Hottle, coach; Jennifer Fisher; Katherine Moss; Eileen Donnelly; Jackquelyn Usner; Eileen Fisher, assistant coach.

The Roundup was sponsored by the Tennessee Walking Horse Breeders Assn.; International Arabian Horse Assn.; American Paint Horse Assn.; Harness Horse Youth Foundation, Inc.; American Saddlebred Horse Assn.; American Morgan Horse Institute; United Professional Horsemen's Assn.; American Quarter Horse Assn.; The Half-Saddlebred Registry of America; Churchill Downs, Inc.; North American International Livestock Exposition; and Zeecraft, Inc.

Columbia County Holds 4-H Awards Dinner

BY HELEN KELCHNER
Columbia Co. Correspondent

MILLVILLE (Columbia) — The annual 4-H awards dinner was held recently at the Millville Methodist Church.

Richard Shuman conducted a business meeting. He announced that consideration was being given to another 4-H exchange program with possible visits to Maine or South Dakota. The Montana exchange visit was very successful, Montana 4-H'ers visiting Pennsylvania this past summer after a 1987 visit to Montana by Columbia County 4-H members.

Richard Kriebel, county 4-H leader, in presenting the book awards, stressed the importance that the project has for future dairy persons. Record keeping is essential for a healthy and profitable dairy operation.

Awards are given by a point system, 10 points - first place blue; 8 points - second place red and 6 points - third place white. Kriebel also notified the young people that points are deducted for books handed in late.

Ribbons were given to the following with red 80 to 90 score and blue 90 to 100.

Jeanna Evans, one red, one blue; Amanda Farr, one blue; Fletcher Farr, two blue; Gretchen Farr, two red; Amanda Hemsarth, one blue; Brett Holdren, one blue; Carey Jurbala, two red; Kristen Kriebel, two blue; Crystal Miller, one red; Duane Ritter, one blue; Bobby Jo Robbins, one red; Janice Robbins, one red and Richard Shuman, two blue, one red.

Best Book awards were presented to Gretchen Farr in Senior Division and Kristen Kriebel in Junior Division.

Best story award was won by Bobby Jo Robbins for her account of her calf, Royalty.

The book awards are decided by a double check method. The 4-H leader chooses the best five to be sent to the Extension Office where the final 3 are selected.

Appreciation was extended to Irene McVey for her coaching of this year's Dairy Bowl and also to the team who participated: Richard Shuman, Jim Stemrich and Gretchen Farr.

Duane Ritter was presented with a trophy for Intermediate Showmanship that he won at this year's Bloomsburg Fair. Sire Power sponsored the competition.

Four-H members in Columbia County who received awards and ribbons for their calf books are, from left, front row: Janice Robbins, Mandy Farr, Amanda Hemsarth; second row: Jeanna Evans, Fletcher Farr, Bobby Jo Robbins, Duane Ritter, Sherry Shuman; third row: Crystal Miller, Brett Holdren, Kristen Kreibel, Gretchen Farr, Richard Shuman, and Carey Jurbala.

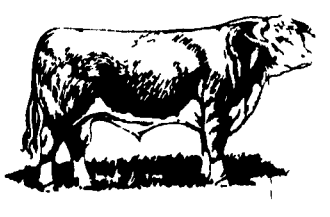
Best book awards were presented to Gretchen Farr in the senior division and Kristen Kreibel in the junior division. Bobby Jo Evans received an award for the best story.

National Shorthorn Leadership Elected

Following their annual meeting and banquet in Louisville, Ky., the American Shorthorn Association has announced its board of directors and officers for the coming year. According to Dr. Roger E. Hunsley, national executive secretary-treasurer, Brian Cates of Modoc, In., was reelected to serve another term as president. Cates, a member of the diversified farming and cattle operation known as Cates Farms, was elected earlier by the Association membership to a second term on the board of directors.

Voting delegates from 23 Districts across this country and Canada elected two new directors to the nine-member board. They are Maurice Korthaus, Prospect, Ky., and Denny Jordan, Gibson City, Il. In addition to his own Shorthorn cattle, Korthaus serves as manager of Stonelea Farm, a noted Shorthorn operation owned by Mr. and Mrs. Edward S. Bonnie. Jordan is an influencial partner in the Jordan Acres Shorthorn operation started in 1943 by his father, Darryl.

Serving as vice president for the upcoming year will be Jerry Gilbreath, Oakdale, Ca. Other board members are Bill Masterson, Guthrie, Tx.; Laurence Pathy, West Brome, Que.; Can.; Keith Scott, Powell, Wy.; Paul Wharton, Arlington, Tx.; and Duane Sicht, Ashland, Mo. Retiring from the board of directors were Barry Jordan, Rensselaer, In.; and Bill Scott, Ransom, Ks.



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Swine Management Column

Dr. Richard Barczewski
County Agent
University of Delaware

Animal Rights Groups Won't Just Go Away

One major misconception among some livestock producers is that all the noise and hoopla created by the animal rights movement is insignificant. Many believe that these issues are unreal and will go away.

I even heard someone comment that the reason the issue came up in Massachusetts was because that state is not an agricultural area and that this would never happen in a strong agricultural state.

While I can agree that a law as stringent as the Massachusetts law probably would not pass in a strong agricultural state now, who would have thought 25 years ago that a law dictating how animals are kept ever would have been attempted. We now know that the Massachusetts law failed, thanks to some pretty strong lobbying by the Farm Bureau in that state. However, the problem is far from over.

The animal rights groups are determined to condemn intensive animal rearing, and some groups are against any animal agriculture altogether. It's high time that we as an industry start to realize that the issue is not going to go away. It's going to get stronger and stronger.

As livestock producers, we have an obligation to do the best job possible when it comes to rearing our livestock. Any producer who is poorly managing a herd is giving these animal rights activists fuel for their fire. As the fire grows, it will become increasingly difficult to extinguish it.

Some of the animal rights activists are extreme individuals who only see one way to reach their goals of eliminating animal agriculture. Other people are just concerned citizens who want to be sure that animals are being treated humanely and not abused.

The extreme groups will stop at almost nothing to get their message across. In the past, animals have been stolen, facilities vandalized and defaced. In some instances, research projects have been ruined, resulting in losses of thousands of dollars.

In one instance, while I was at the University of Maryland, a radical group broke into a research laboratory and stole some rabbits that were in a research study being conducted by students in a rabbit husbandry class. The ironic thing about this incident was that the rabbits were used to test various feedstuffs, and the results would have benefited rabbit husbandry and health.

The animal rightists indicated that they planned to liberate these rabbits. Now what chance does a white New Zealand rabbit have in nature? Even a fool would realize that a white rabbit has no chance in nature unless it lives in a snow-covered environment. I hope that, after hearing of their mistake in the many letters to the editor that appeared in local papers, the animal rightists figured that liberating these rabbits wasn't such a good idea and decided not to turn them loose.

No animal production system is safe from the extreme groups. Currently, systems being targeted have included the veal industry, caged layer industry and the confinement hog operations. Down the road, many other systems, including less intensive systems, may be targeted.

No one in animal agriculture should write off these incidents as unimportant. The best way to fight these occurrences is with accurate, non-biased information.

It's easy to be one-sided and mad. It's easy to avoid the issue by burying your head in the sand. But let me assure you, this issue won't go away.

Currently, through the Beef and Pork Checkoff programs, monies are available to conduct research into animal well-being. We need to be sure that this is accomplished.

We also need to have good spokespersons for our industry. We need key individuals, knowledgeable about our industry, well-versed in the research and literature dealing with animal well-being who can speak for us to the claims made against our systems.

Finally, we need to have an open mind regarding the possibility that some of our systems might have to change over time to better accommodate our livestock. If we feel as though we can never improve our facilities and management, we will not be able to survive in a changing agricultural community.

We all know of individual farms that need to improve their animal housing, feeding or care. Unfortunately, there are bad eggs in every occupation. As an industry we need to be more conscious of our husbandry so that we aren't singled out as a bad example. Fortunately, most farms operate with their animals in mind and do a good job in caring for their livestock.

Remember as livestock producers, we all have the obligation to take good care of our animals. At the same time, we need to stay aware of the animal rights movement and not look upon it as an impossible dream of a few radical individuals.

Sire Power Promotes Heckman

TUNKHANNOCK (Wyoming) — David Heckman has recently been promoted to the position of Sire Analyst, according to J. Lloyd Ebersole, director of Sire Programs and assistant manager of Sire Power, Inc. In this new position, Heckman will be responsible for sire acquisitions in the Midwestern States of Wisconsin, Minnesota, North Dakota, and South Dakota.

Heckman joined Sire Power, Inc., in 1985 as a Sire Programs Consultant, with primary responsibilities of young sire daughter evaluations and herd analysis through the Linear Appraisal and Mating Program (LAMP). In 1987, he initiated the GOLD young sire sampling program in Sire Power's national sales division.

Heckman is a graduate of the University of Minnesota with a degree in Animal Science. As a member of Minnesota's dairy judging team, he was fifth high individual overall at the 1984 National Intercollegiate Dairy Judging Contest in Madison, WI.

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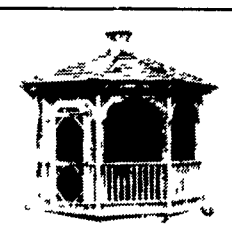

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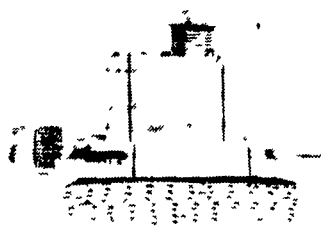

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Chester/Delaware Co. Farmers Hold Monthly Meeting

WEST CHESTER — A support rally will be held for Naaman King, Cochranville, in his effort to curb the confiscation of prime farm land through eminent domain, it was decided by the Chester/Delaware Farmers' Association Board of Directors at their monthly meeting held this week in West Chester.

The rally is to be held at the Fallowfield Community Center, Rt. 10, Cochranville, December 17, 1:00 p.m. The public is invited to participate. Bill Adams, P.F.A. staff, will speak. Representative Sam Morris will attend. Other Legislators have been invited. A benefit auction is scheduled for the spring.

"We now have 549 members", Jim Ballantine, co-chairman of the membership committee told the Board. "We need 120 more new and renewal memberships to fill our goal. 15 new members have been added so far this year." Ballantine said that non-farmers can join the Association an associate members to support the farm organization. Associate members can obtain member supplies and services but cannot vote.

"The Membership Kick-off meeting will be held Tuesday, Dec. 13, 12:00 noon at the Perkins Restaurant, Avondale," Ballantine said. All Township Captains are expected to attend. Other co-chairman are Charles Ballantine and Charles Wollaston.

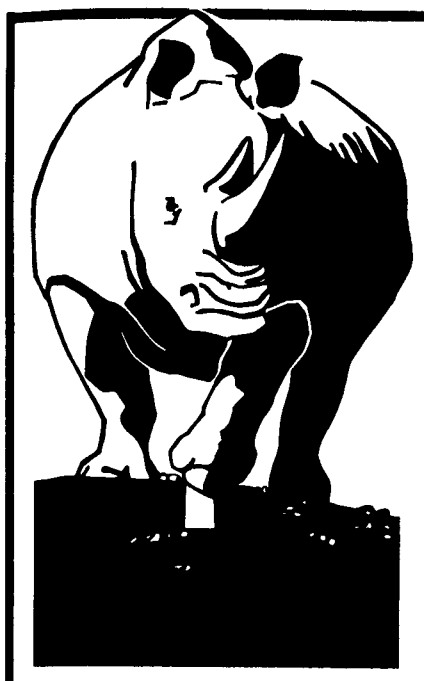
"Committees have been appointed for each legislative District including the Pennsylvania and United States House and Senate offices," Harold Kulp, Chairman of the Legislative program advised the Board. "A legislative update meeting will be held February 7 before the annual visits to Harrisburg and Washington," Kulp said.

Dorothy Bartels, Chairman of the Womens' Committee outlined the program of work for the year. The program includes 1) recognition of Ag Day on March 20, 2) securing attendees for P.F.A. youth conference in June, 3) hosting Region I, Ladies Day Out, and 4) establishing a phone grid to maintain communication with members.

"Five policies presented from the Chester/Delaware policy development meetings (held in August) were adopted by the Delegates at the Pennsylvania Farmers' Association Conference last month," Marshall Haws reported. "Among the five were policies that addressed 1) the condemnation of land and 2) estate taxes on farm land be based on the agricultural value and not on the real estate development value of that same land."

Harold Bryson, Chairman of the Insurance Committee said that Melba King, agent, would be contacting members in each township to offer to review and update their current coverage "In view of the many changes in liability and activities in the farming area, it is important that farmers consider the impacts of the changes on that individual operation," Bryson said.

Roy Christman, Hamburg, Region I Director, congratulated the Board on the contributions of their Local Affairs Committee and participation in the P F A annual conference. "P.F.A members in other parts of the state are watching and learning from your involvement with the indescriminate "taking" of property P F.A philosophy states that members believe in the American competitive enterprise system and the profit system that makes it work



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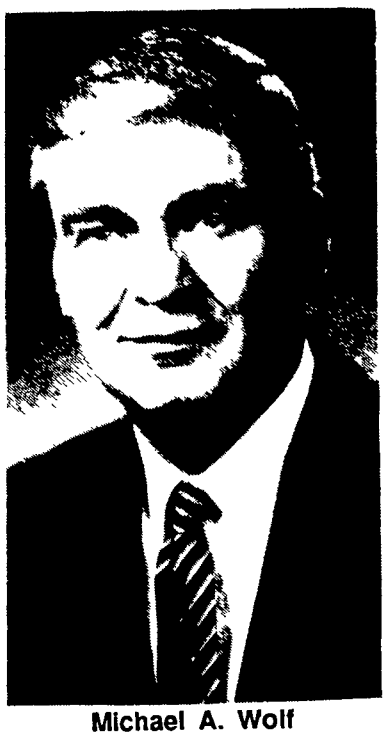
BUSINESS NEWS...

Case IH Hires New Head For Worldwide Ag Equipment Business

RACINE, WI — James K. Ashford, Case IH president and chief executive officer, has announced that effective December 1, Michael A. Wolf joined the company as executive vice president and general manager, worldwide agricultural equipment business.



Michael A. Wolf

Wolf will manage the worldwide business related to the manufacturing, engineering, marketing and sale of all Case IH agricultural equipment.

Reporting to Wolf will be Ronald A. Stewart, senior vice president, worldwide agricultural equipment manufacturing; Vickie L. Rickey, vice president, worldwide agricultural equipment marketing; Robert L. Green, vice president, North American agricultural equipment sales, John Turnbull, vice president, European agricultural equipment sales; Wendell A. Gottman, executive director, worldwide agricultural equipment engineering; and, John N. Heppner, director of finance, agricultural equipment business.

Wolf, 45, brings to the company 17 years of international and domestic experience in manufacturing, engineering and operations management with the Firestone Tire and Rubber Company.

Since May 1985, Wolf has headed up Firestone's international operations, first as corporate vice president, and since last July, as executive vice president-international operations. In addition to tire products, Wolf was responsible for the manufacture of passenger wheels, agricultural wheels and rims, and conveyor belting products. He also oversaw activities of Firestone's International Technical Center.

Previously, for three years Wolf was group executive vice president in charge of Firestone operations which include original equipment sales, research, North American tire development, corporate engineering and the company's technical center in Rome. After 1982 he was responsible for Firestone's worldwide technology licensing agreements. During this time, he also assumed responsibility for product planning, as well as the company's Canadian operations and portions of its European operations.

From January 1978 to May 1982, Wolf was president of Firestone's Industrial Products Division, which manufactures items such as seat belts and air bags, tank treads, roofing products, and other industrial rubber products.

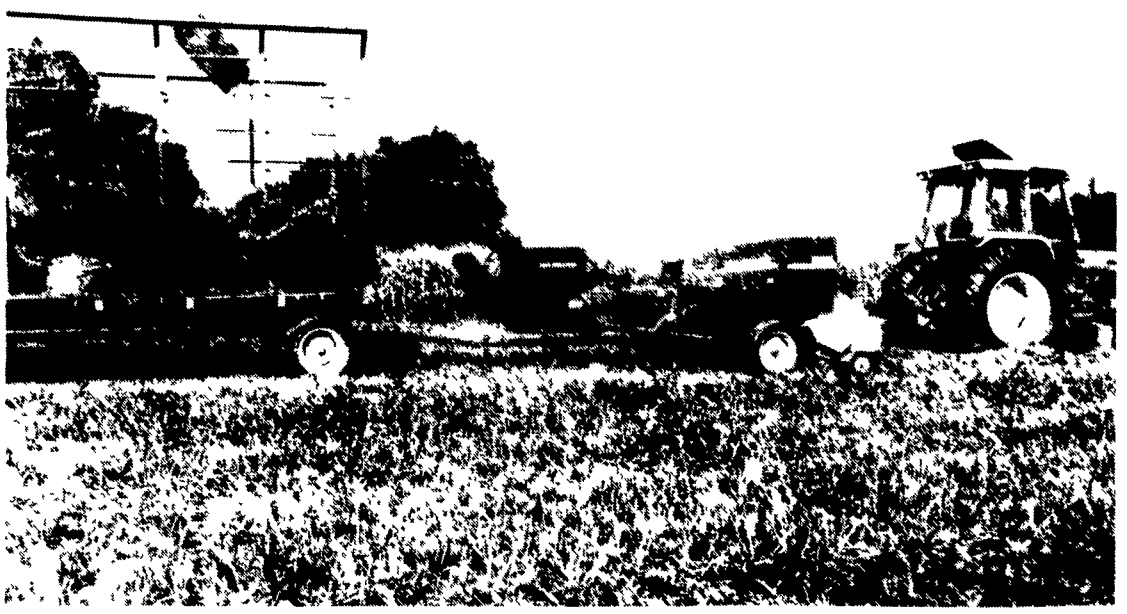
From January 1972 to January 1978, Wolf worked in Firestone's Electric Wheel Division, first as division manager-material control; then as division general sales manager in charge of sales to major customers such as Case, International Harvester, Deere and Caterpillar; and finally as division manager-manufacturing and engineering from November 1974 to January 1978.

Prior to joining Firestone in 1972, Wolf held positions as project manager, project engineer and material manager for the Industrial Equipment Group of Combustion Engineering, Inc., Springfield, Ohio. Wolf started his career in 1966 with the truck division of International Harvester.

Wolf earned a B.S. degree in Industrial Management in 1966 and an M.B.A. in 1971 from the University of Dayton. He has also completed the A.M.P. program at the Harvard School of Business. Wolf and his wife, Pam Nibert Wolf, have two children, Douglas and Kelli.

Headquartered in Racine, Wisconsin, Case IH is a worldwide manufacturer and marketer of Case IH agricultural and Case construction equipment. Case IH is an affiliate of Tenneco Inc., Houston.

Tenneco Inc. is a diversified industrial corporation with major business interests in natural gas pipeline, agricultural and construction equipment, shipbuilding, automotive parts, packaging, chemicals and minerals.



The new model 72 bale thrower from Ford New Holland is designed to handle longer, heavier bales. Hydaulic drive and electic-belt speed control with hydraulic direction let operators target bales into the wagon for better load capacity.

New Bale Thrower Offered By Ford New Holland

NEW HOLLAND (Lancaster) — A new bale thrower that handles longer, heavier bales has been introduced by Ford New Holland. The new Model 72 incorporates improved durability features with a simpler design, according to Product Manager Brian Martin.

The hydraulically driven "72" uses tractor-powered controls to fine-tune thrower speed and distance. Like the models that precede it, the "72" uses a pair of constantly moving belts that do not require triggering from the emerging bale. Martin points out that the Model 72 is the result of almost 30 years of development in countries around the world and in all types of crops.

The Model 72 bale thrower is compatible with the new square baler models 565, 570 and 575. The thrower will be available in limited quantities through 1989 and is set for full market introduction in 1990.

Jacques Seed Promotes Waldo, Jack

PRESCOTT, WI — R. William "Bill" Jack has been promoted to vice president of sales, while Joseph Waldo has been promoted to director of marketing at Jacques Seed Company.

Waldo has been with Jacques since 1978 and was most recently marketing manager. He also has worked as advertising manager and field trial manager during his career with Jacques.

Waldo and his wife Mary Beth have three children and reside in River Falls, Wisconsin. He also holds a bachelors degree from the University of Wisconsin-River Fall.

Jack has been with Jacques since 1980 and was national sales manager for two years prior to his promotion. He also worked as a regional sales manager for six years in Illinois, Missouri, Kentucky, Tennessee and Arkansas.

Jack holds a B.A. degree in business administration and small business management from Antioch College, Yellow Springs, Ohio.

Jacques Seed Company is headquartered in Prescott, Wisconsin. Jacques develops improved seed products through its own research program and markets corn, alfalfa, soybeans, sunflower and grain sorghum varieties through more than 10,000 dealers and customers nationwide.

Joseph Waldo

R. William Jack

Pitman-Moore Affiliates With Animal Poison Information Network

MUNDELEIN, IL — Pitman-Moore, Inc., has become the first company to affiliate with the National Animal Poison Information Network (NAPINet), a program that provides professional and public access to toxicological expertise in livestock and companion animals.

The company has made a $10,000 grant to NAPINet, which is dedicated to the prevention and treatment of poisonings and chemical contamination of livestock and companion animals.

NAPINet is an extension of the Illinois Animal Poison Information Center, headquartered at the University of Illinois since 1978. NAPINet is establishing regional poison information centers throughout the United States and Canada. Each center will provide 24-hour emergency telephone service for prompt responses to questions about accidental poisonings and toxic chemical exposures in animals.

The services are available to veterinarians, livestock producers and owners of companion ani-

(Turn to Page D8)

Planing Scrapers Provide Alternative To Mounted Blades

PENDER, NE — Soilmover Planing Scrapers are the better alternative to mounted blades for simple land tailoring around farm or ranch, according to Jay Hesse, vice president, Automatic Equipment Manufacturing Company.

Regulated by wheels for a more uniform depth, the Soilmover Planing Scraper grades high spots and carries dirt along to fill low spots. Fingertip hydraulic control stops gouging, while the low blade angle minimizes downdraft.

Soilmover Planing Scrapers are ideal for filling ruts created by center pivot irrigation, scraping and smoothing feedlots, spreading gravel on lanes or driveways and a host of other jobs around the farm.

"We were not surprised to hear the several smaller but significant poultry and turkey operations, that do not have a self-cleaning system, are using our Planing Scrapers to clean their containment buildings," commented Hesse.

Soilmover Planing Scrapers feature durable construction and dependable performance to meet agricultural and light industrial earthmoving needs. Capacities range from 2 to 3 cubic yards, cutting widths of 8, 10 or 12 feet to handle most land tailoring tasks.

For further details contact the manufacturer Automatic Equipment Mfg. Co., One Mill Road, Pender, Nebraska 68047, 402-385-3056, or the Distributor, Ryder Supply Company, 539 Falling Spring Road, Box 219, Chambersburg, Pennsylvania 17201, phone 717-263-9111.

FREE FREIGHT ON ALL CONVEYORS

MANURE SPREADER CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE PINTLE CHAIN
Akey	M18	91.80		
Akey	M50	170.10	—	243.43
Akey	M90	207.10	—	295.52
Allis Chalmers	281-140S	$259.19	$328.60	$348.32
Allis Chalmers	299-180S	$310.75	$378.96	$413.07
Badger	100	$268.17	$334.80	$354.89
Badger	150	$302 42	$350.72	$402.44
Badger	160	$294 54	$367.72	$389.78
Badger	200	$303 54	$378 98	$500.23
Badger	205	$354 70	$442 82	$469.39
Badger	240	$353 22	$440 98	$582 09
Badger	3210	$315 58	$393.98	$508.23
Badger	3260	$359 12	$448 34	$591 81
Badger	3330	—	—	—
Balzer	240	$374 73	$452 58	$597.41
Balzer	300 need 2	$351 29	$424.26	$462 44
Balzer	410	$255.55	$319 04	$421 13
Balzer	440 need 2	$312 17	$377 02	$521 14
Balzer	515 need 2	$363.23	$438 68	$592.23
Balzer	700 need 2	$460 76	$556.45	$751.25
Big Blue		$259 49	$323 96	$343 40
Case	180	$323 15	$394 08	$429 55
Cobey	75, 100	$204.45	$258 80	$273 56
Cockshutt	623A,623B	$214 41	$271 40	$287.68
Co-op	31T	$214 41	$271 40	$287 68
Cunningham	85A	$282 63	$357 75	$379.23
Decker	100, 101, 301	$260 87	$330 22	$350 09
Eze Way		$244 87	$309 96	$328 56
Farm Eze	1700	$276 91	$350 52	$371 55
Farmhand	430, 436	$261 55	$331 08	$350 94
Farmhand	450	$418 57	$529 84	$561 63
Farmrite	165	$321 18	$406 56	$430 98
Ferguson	A10,21,22	$214 44	$271 44	$287 73
Forage King	160	$337 92	$412 10	$449 19
Ford	2016	$206 47	$261 36	$277 04
Gehl	113	$277 59	$338 52	$368 99
Gehl	117	$313 01	$381 72	$416 07
Gehl	125	$376 50	$476 58	$505 17
Gehl	132,142	$455 76	$555 80	$605 82
Gehl	180	$298 38	$377 70	$400 36
Gehl	250	$373 17	$455 08	$495 95
Gehl	350 need 2	$282 54	$344 56	$375.57
Gehl	500	—	$413.38	$450 58
H & S	125			
H & S	180,220	$311.51	$394.32	$417 98
H & S	235	$309.51	$392 32	$415.98
H & S	270	$383 27	$467 40	$509.47
H & S	295	$383.32	$467.46	$509 53
H & S	370	$448.31	$546 72	$595 92
Huebner		$308.98	$376 80	$410 71
Int. Harv	101,102,103	$293.18	$371 08	$393 34
Int. Harv	125,130	$243 83	$308 64	$327 16
Int Harv.	150,155,160	$276 58	$350 10	$371 11
Int Harv.	175	$311 51	$394 32	$417 98
Int. Harv.	320	$296 66	$375 52	$397 73
Int Harv.	530	$248 44	$314 48	$415 11
Int. Harv.	540	$280 29	$354 80	$468 34
Int. Harv.	550,555	$334 82	$424.36	$560 80
Int. Harv	570	$267.32	$326 00	$355 34
Int. Harv	575	$269 32	$328.00	$357 34
Int. Harv.	580	$298 11	$377 36	$400 00
Int Harv	595	$345.06	$420 80	$458 67
Jadco		$244 94	$308 00	$327 97
John Deere	33	$255 72	$336 48	$346 57
John Deere	34	$256 59	$324 80	$428 74
John Deere	40	$274 92	$348 00	$459 36
John Deere	44	—	$347 44	$378 71
John Deere	54	—	$478 00	—
(includes 2 sprockets)				
John Deere	660	$373 21	$455 14	$598 40
John Deere	680	$350 04	$426 88	$576 29
Kasten	135	$277 59	$338 52	$368 99
Kasten	175	$313 01	$381 72	$416 07
Kasten	250,250T	$395 27	$428 04	$525 42
Kasten	270	$370 18	$451 44	$492 07
Kasten	325,400	$455 76	$555 80	$605 82
Kelly Ryan	150	$364 54	$444 56	$484 55
Knight	66	$241 60	$294 64	$321 16
Knight	88	$294 32	$372 56	$394 91
Knight	115	$243 84	$308 96	$327 52
Knight	135,140	$281.80	$356.84	$378 66
Knight	180	$298 65	$378 04	$400 72
Knight	195	$319.16	$404 00	$428.24
Knight	235	$371.10	$452.56	$452.56
Knight	250,252	$373 20	$455 12	$496 08
Knight	300	$415 41	$506 60	$552.19
Knight	350 need 2	$284.34	$346 76	$377 97
Knight	410 need 2	$325 20	$396.58	$432.27
Knight	500, 510 need 2	$338 97	$413 38	$450 58
Knight	650 need 2	$402 60	$490 98	$535.17
Lundell		$300 51	$366 48	$399.46
Massey Ferg	18,20	$247 14	$312 84	$331.57
Massey Ferg	110,130	$238.44	$301 82	$319 93
Massey Ferg	160	$275 57	$348 82	$369.75
Massey Ferg.	205	$349 83	$442 82	$469 39
Massey Ferg	721	$320 60	$405 82	$430 17
Massey Ferg	724	$373 17	$454 86	$494 71
Massey Ferg	727	$410 02	$500 02	$545 00
Miller	235	$349 29	$425 96	$464 30
Miller	295,350	$411 90	$502 32	$547 53
Minne	110	$247 14	$312 84	$331 61
Moline				
Meyers	M125A	—	$378 90	—
Meyers	M145A	—	$428 02	—
Meyers	M160A	—	$485 62	—
Meyers	M190A	—	$579 24	—
Meyers	M225A,M300A	—	$596 16	—
Meyers	M350A	—	$659 48	—
Minnesota	220	$445 47	$543 26	$592 15
New Holland	200,202,220 221, 222	$247 14	$312 84	$331 57
New Holland	212,213	$206 47	$261 36	$277 04
New Holland	300,325,327,328, 329	$259 49	$323 96	$343 40
New Holland	330,331,335,336	$259 49	$323 96	$343 40
New Holland	470,475	$380 81	$482 04	$510 96
New Holland	510,511,512	$272 64	$345 12	$365 83
New Holland	513,514	$280 50	$355 06	$421 81
New Holland	516,517,518	$329 18	$416 68	$495 02
New Holland	519 520	$280 50	$355 06	$421 81
New Holland	675,676,677	$443 63	$541.06	$657.39
New Holland	679,680	$455.03	$554 92	$674.22
New Holland	790,791	$504 82	$615 64	$789 00
New Holland	795 need 2	$348 60	$425 12	$505 45
New Holland	800 need 2	$354 37	$432 16	$525 07
NH Dble Slatted	510,511,512	$406 46	$497 37	$455 40
NH Dble Slatted	513 514	$427 07	$503 67	$503 67
NH Dble Slatted	516,517,518	$491 20	$579 30	$550 33
NH Dble Slatted	519,520	$516 80	$609 50	$609 50
NH Dble Slatted	675,676,677	$637 89	$752 30	$752 30
NH Dble Slatted	679,680	$570 27	$790 50	$790 50
New Idea	211	$205 97	$260 72	$309 73
New Idea	212	$255 14	$322 96	$374 95
New Idea	213,217	$308 67	$390 72	$464 17
New Idea	214	$362 96	$442 64	$525 85
New Idea	218,244	$410 25	$500 28	$594 00
New Idea	224,245	$472 78	$576 56	$684 95
New Idea	243	$310 03	$392 44	$415 99
New Idea	351 351A	$257 14	$324 96	$344 34
New Idea	351B	$310 67	$392 72	$416 16
New Idea	352	$317 71	$402 16	$426 12
New Idea	353	$469 24	$572 24	$623 74
New Idea	354	$488 10	$595 24	$648 81
New Idea	355	$365 51	$445 74	$494 29
New Idea	360 3615	$252 23	$319 28	$338 44
New Idea	361,3618	$294 70	$373 04	$395 42
New Idea	362 3622	$317 96	$402 48	$426 69
New Idea	363 3632	$469 24	$572 24	$623 74
New Idea	364 3639	$488 10	$595 24	$648 81
Oliver	590	$329 21	$401 48	$437 61
Patz	181	$313 19	$396 44	$420 23
Patz	350	$453 57	$533 14	$602 92
Schultz	160 2120 40 212 5 30	$288 89	$365 66	$487 62

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS-CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A C		POR	POR	POR	POR
Artsway	17142 0	321 18	358 27	POR	POR
Badger	BN23 16'	297 65	332 02	118 74	202 12
Badger	BN23 18'	336 83	375.71	118 74	202 12
Badger	BN950 14 6 14'	297 65	332 02	102 58	177 47
Badger	BN950 1416 16'	336 83	375 71	102 58	177 47
Balzer	5014	297 00	331 28	POR	POR
Balzer	6514	250 03	278 90	POR	POR
Balzer	6516	278 97	311 16	POR	POR
Balzer	6518	318 82	355 63	POR	POR
Balzer	6520	359 98	401 74	POR	POR
Balzer	7018	POR	POR	125 43	216 99
Cobey	51	POR	POR	138 62	239 82
Danco	14' (Grove)	291 01	324 60	104 50	180 01
Danco	16' (Grove)	330 67	368 85	104 05	180 01
Dion	1016	322 51	359 74	—	—
Dion	1018	361 46	403 19	—	—
Forage King	14'	289.22	322 61	—	—
Ford	Big Blue 808	POR	POR	POR	POR
Fox	625	318 09	354 80	122 70	212.27
Fox	WB 16A	POR	POR	POR	POR
Gehl	80,81,83,82	282 47	308 59	125 01	216 27
	84,86	282 47	308 59	—	—
Gehl	610,620,630 640, 14'	285 74	318 73	—	—
Gehl	610,620,630, 640, 16'	324 07	361 47	—	—
Gehl	700,710,810, 910,920,940 960, 14'	295.20	329 27	104 98	181 82
Gehl	910,920,940, 960, 16'	334 79	373 44	104 98	181 62
Gehl	970 16'	310 54	346 39	POR	POR
H & S	XL500 16	319 54	356 43	100 88	174 53
H & S	Super 7&4 16'	336 85	375 82	POR	POR
Hesston	7314	320 99	357 97	—	—
Hesston	7322	320 99	357 97	POR	POR
Hesston	7326	320.99	357 97	POR	POR
Hesston	16'	320 99	357 97		
Int Harv	61	295 44	329 56	—	—
Int Harv	105,110,14'	280 84	313 26	—	—
Int Harv	105,110 16'	320.20	357 28	—	—
Int Harv	51 14	382 70	426 69	124 16	214 80
Int Harv	51 16'	434 64	484 82	124 16	214 80
Int Harv	120,14	289.27	322 65	—	—
Int Harv	120,16	326 66	364 37	—	—
Int Harv	130 15'	298 68	333 17	—	—
Int Harv	130 18'	367 09	409 48	—	—
John Deere	110	433 82	494 82	112 56	194 73
John Deere	112,122	242 77	270 80	124 37	215 70
John Deere	115,125	292.22	325 96	124 37	215 70
John Deere	214	279 76	312 07	124 37	215 70
John Deere	216	317 89	354 61	124 37	215 70
John Deere	714	286 68	319 77	141 71	245 15
John Deere	716	325 73	363 34	141 71	245 15
Kasten	Power Box 14'	281 58	314 08	—	—
Kasten	Power Box 16'	320.21	357 17	—	—
Kasten	Kwik Load 20 14'	289.27	322 65	—	—
Kasten	21,22,26 14'	289.27	322 65	POR	POR
Knight	14E	334 36	372 97	102 88	177 98
Knight	14 7	253 98	283 31	113 23	195 88
Knight	17 7	319 14	355 98	113 23	195 88
Knight	20-7	361 35	403 06	113 23	195 88
Lamco	Rex 14	291 40	325 06	93 46	161 68
Lamco	Rex 16	331 09	369 31	93 46	161 68
Meyers	416 516 14	403 82	POR		
Meyers	418,518 16	461 44	POR		
Meyers	516 14	290 15	323 67	118 66	205 29
Meyers	518 16	329 96	368 05	118 66	205 29
Meyers	250 18	369 84	412 55	—	—
Meyers	618 16	POR	POR	—	—
Meyers	620 18	POR	POR	—	—
Miller	2150	294 80	328 82	—	—
Miller	2175	342 40	381 95	—	—
Miller	2200	404 79	451 52	—	—
Miller	4100 16	326 55	364 27	—	—
New Holland	3	441 80	504 46	130 75	226 20
New Holland	6	515 77	629 20	97 64	168 92
New Holland	8	321 50	358 64	—	—
New Idea	601,602,604 605,608	294 47	328 50	—	—
Papec	140	288 53	321 83	—	—
Papec	160	324.29	361 73	—	—

STEEL DETACHABLE ATTACHMENT LINKS

55AI	40
55CI	54
55-C11	54
55 G27	56
55 HB4	.78
55 SH	60
62 A1	60
62-C1	62
62 C11	62
62 G27	84
62-HB4	1.16
62-SH	.84
67H-AS	1 06
67XH-AS	1 18
88-A2W	3 00
S-B	1.30

ROLLER CHAIN

Chain No.	Chain Pitch	Riveted	Cottered
35	3/8"	87	—
40	1/2"	83	—
50	5/8"	1 23	—
50H	5/8"	2.27	—
60	3/4"	1 52	3 81
60H	3/4"	2 13	4 16
80	1"	3 03	4 48
80H	1"	3 86	6 66
100	1¼"	5.49	6 20
100H	1¼"	9 03	10.07
120	1½"	7.85	8.91
120H	1¼"	13 59	14.72

Other sizes available 25 to 200 from single strand to six strand

T-BAR CHAIN & T-ROD CHAIN

T67 Plain Link	.85 link
T-67 Attach Link	1 86 link
T-Rod Plain Link	85 link
T88 Plain Link	1.35 link

NEW HOLLAND BALER UPPER CHAIN

N.H. MODEL	N.H. PART NO.	PRICE PER PAIR
845	704545	340 27
846 & 847	634335	357 27
849	679303	564.68
850	273260	399 00
851 & 852	679768	487.90
855	786717	898 80

PINTLE CHAIN

CHAIN NO.	PITCH	PRICE PER FT.
662	1 664	3 70
667H	2.313	3 60
D667J	2 25	5 80
667X	2 25	5 26
D667K	2 25	7 22
D88K	2 609	8 90

STATIONARY CONVEYOR BOX

MAKE	MODEL	PRICE
BALZER	1014	CALL FOR PRICES
BALZER	1016	
RICHARDTON	1014	
RICHARDTON	1016	

BUTLER JAMESWAY
BIG JIM SILO CONVEYOR
PRICE PER FT $12 75 Delivered
PART #FV2142 Price $297 00 Delivered

FEED WAGONS, MIXER WAGONS, SILAGE MIXERS

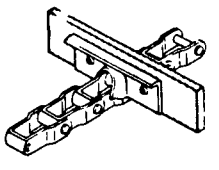
MAKE	MODEL	MAIN APRON CHAIN PRICE	UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	155	CALL FOR PRICES	
ARTS WAY	700		
ARTS WAY	750		
ARTS WAY	800		
ARTS WAY	850		
FOX	512		
GEHL	170		
GEHL	280		
HEINKE	Mini		
HEINKE	B240		
HEINKE	H12		
HEINKE	H14		
INT HARV	200		
INT HARV	300		
JOHN DEERE	410		
KNIGHT	BA12		
KNIGHT	BA14		
KNIGHT	BA16	CALL FOR PRICES	
KNIGHT	LA9C		
OSWALT	320		
NEW IDEA	604		
SCHULER	125BU		
SCHULER	175BU		
SCHULER	260BU		
SCHULER	400BU		
SCHWARTZ	680		
SCHWARTZ	750		
SCHWARTZ	760		
SCHWARTZ	780 Short		
SCHWARTZ	780 Long		
SCHWARTZ	860		
SCHWARTZ	880		
SCHWARTZ	950		
SCHWARTZ	980		

AGRICULTURAL ROLLER CHAIN

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT.
25	1.06
32	1.10
42	1 20
52	1 53
55	1.27
62	1 79
62H	2 19
67H	2 43
67XH	3 09
88	2 98
S	2 52

CHAIN NO.	PRICE/FT
C550	2 90
C555	3 79
C551X	7 08
C557	4 86
C620	4 34
C2050	1 23
C2060H	2 37
A550	3 84
A555	3 84
A557	4 86
A620	4 53
A2040	89
C2040	91'
A2050	1 22
A2060	1 71
C2060	1 73
C2080H	4 08



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MAKE	MODEL NO'S	PRICE
ALLIS CHALMERS	2A,3E,2N,3A,3H,4C, A420,E420 C620,C820, H330,E330,C430,C630, C435,H240,E240,C440	1(
	FL430-GL440	4 70
	1969-72 All Models Low Profile	4 70
	1973 - 73 Low Profile	25 77
	1977 79 Heads All Models	27 06
INT HARV	ALL 800 SERIES HEADS 227,228,229 428,430, 724,733 327WN,620N, 630N,762,763	34 20
JOHN DEERE	243,244,343 444,443 444,543,546 6 2,643 644,645,842,843	23 63
	235,335,435 635	36 43
	555,234,334 434,634	37 03
MASSEY FERG	22,321,322,33, 421,422,43,63,621	28 29
OLIVER & MINN MOLINE	522,525,531,535, 541,544,H942,H944, H953,H954	3?
NEW HOLLAND	922,923,923L,924 924N,926,	37 0?
	926 after Ser #220344 Late 1977	28 85
	962 Before Ser #220344 Early 1977	29 8?
	All Models from 1980	29 ?3
NEW IDEA	723,724,725,726 843N,843W,844N, 844W,846N,	3? 1 31 4
	324,325,720,730	18 ??
	319,324,325,720,730	18 06
WHITE	702,703,704,705,706	25 20

NEW HOLLAND BALER FLOOR CHAIN

N.H. MODEL	N.H. PART NO	PRICE
845	268/66	$48 90
846,847	714619	$48 23
850	710395	$73 85
851,852	718096	$61 77

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Main Conveyor	#2 913680 0	$105 50
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Pennsylvania Vegetable Conference, Trade Show Scheduled

NORTHUMBERLAND — The chocolate capital of the world will be the vegetable capital of the state from January 31 to February 2, 1989. Vegetable growers from across the Commonwealth will gather for the 1989 Pennsylvania Vegetable Conference and Trade Show at the Hershey Lodge and Convention Center.

The Conference will feature 11 educational sessions on processing and fresh market vegetable production techniques, labor and pesticide issues, marketing strategies and small fruit and bedding plant production methods. University specialists, industry representatives and growers, including 20 from out-of-state, will present more than 45 talks during the sessions. More than 100 commercial exhibitors will be present for the trade show. It is the most comprehensive educational program offered for growers in the state.

The state's top tomato growers will be recognized at an awards luncheon on the opening day, January 31, 1989. Because many growers operate retails farm markets, a special Merchandizing and Advertising Short Course is planned for the third day. The Conference, which is expected to attract over 500 persons, is the annual winter meeting of the Pennsylvania Vegetable Growers Association. The annual Fruit and Vegetable Growers Banquet will feature Walt Buescher, known as one of America's Wittiest Speakers, on Tuesday, January 31.

Registration is open to all interested persons and begins at 7:30 each morning of the Conference in the main lobby of the Convention Center at West Chocolate Avenue and University Drive in Hershey. Registration fees, which provide admission to the educational meetings and the industry trade show, are $25.00 for three days and $15.00 for one day. An additional $25.00 fee is required for the Merchandizing and Advertising Short Course. Lodging and meals are extra.

Participation in the Conference allows Pennsylvania Certified Pesticide Applicators to receive credits for renewal of their licenses. Additional information may be obtained from the county extension offices throughout the state or from William Troxell, Executive Secretary, Pennsylvania Vegetable Growers Association, R.D.1 Box 392, Northumberland, PA 17857-9724, telephone 717-473-8468 (evening calls welcome).

Dr. Dale Marshall from USDA in Michigan will introduce some new labor-saving equipment being developed for small fresh-market growers. In addition, a whole session is devoted to labor issues and regulations.

Marketing is becoming the most critical consideration for today's growers. A half-day session is devoted to discussions of topics like: "Ways to Research a Market", "Marketing Towards the Year 2000", and "Consumer Perspective on Fresh Vegetables". To end the session, Dauphin County Extension Agent, James Welshans, will point out how some growers have found a market niche for their produce with "value-added custom packaging."

Pest control and new varieties will be addressed by more than a dozen speakers. The pest control talks will qualify for certified pesticide applicator's license update training credits. A separate session will deal with pesticide issues and the public's response to them.

Ransom Blakely, well-known marketing consultant, will be featured during the Merchandizing and Advertising Short Course offered on February 2. Designed especially for retail farm market operators, the program will deal with building a positive farm image, designing signs and logos, laying out newspaper ads, utilizing free publicity, planning festivals and displaying and pricing produce.

Lime, one of the oldest and most economical soil additives, is still not applied as often as it should be by many farmers. Dr. Cyril Smith, Penn State plant nutritionist, who has conducted extensive lime and fertilizer trials throughout the state, will speak on liming strategies for vegetable producers.

Greenhouse mechanization, disease control and perennial and hanging basket production are all current areas of interest to bedding plant growers. Each of them will be addressed during the all day bedding plant sessions. In addition, Debra Deis, from Sakata Seed America in California, will speak on new bedding plant varieties that are being introduced.

The small fruit sessions will concentrate on strawberries and raspberries. Dr. Marvin Pritts from Cornell University, will speak on how to extend the strawberry season with row covers and day-neutral cultivers. He will also discuss raspberry trellising and pruning systems. Other speakers will talk on irrigation, insect pests, production costs, and cultivars.

The Conference is annually sponsored by the Pennsylvania Vegetable Growers Association and the Pennsylvania State University College of Agriculture. The State Horticulture Association of Pennsylvania along with the State Horticulture Societies of Maryland and New Jersey will be holding concurrent meetings on tree fruit production at the Convention Center. The trade show is coordinated by the State Horticultural Association of Pennsylvania. With the various social events scheduled for the evening hours, the conference is an educational and social affair where growers can meet fellow growers from around the state and share their problems and ideas.

Pitman-Moore Affiliates

(Continued from Page D6)

mals.

"We are pleased to provide financial support to NAPINet for this important program," said John Briddell, manager of professional services for Pitman-Moore. "The Illinois center has provided excellent support for veterinarians over the past years. Now, NAPINet will meet the continuing demand for assistance in managing poisoning and chemical contamination problems in animals."

Demand for information on such issues is growing rapidly. In 1987, the Illinois center handled more than 28,000 cases in North America. Its database has logged nearly 100,000 cases since 1983, and new cases are being added at the rate of about 100 per day.

"These are serious numbers," Briddell said. "NAPINet will enhance the availability of expert advice in these situations, and that's good news for veterinarians and animal owners."

Information logged on the NAPINet database also will help Pitman-Moore identify needs for new or improved products, Briddell added.

"The database is a tremendous source of practical information on needed improvements in products such as insecticides, dewormers or antibiotics," Briddell said. "This resource, combined with our own field network, will help us continue to provide high quality, effective products."

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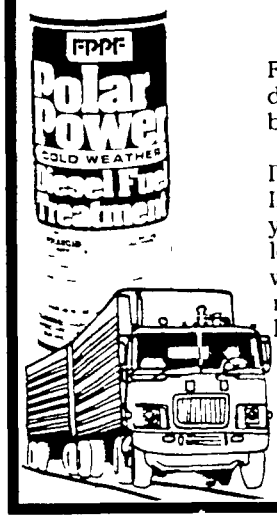

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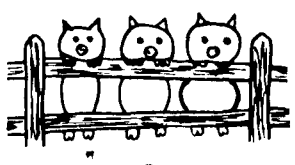

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Lancaster Co. DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES

1—Ayrshire	4—Jersey	7—Red Dane
2—Guernsey	5—Brown Swiss	8—Mixed
3—Holstein	6—M Shorthorn	9—Red and White

OCTOBER 1988

A Registered Holstein cow owned by John H. Howard, 1831 Hans Herr Drive, Willow Street completed the highest 305 day lactation. Ruble produced 32,525 lbs. of milk, 1,247 lbs. of butterfat with a 3.8% test. Second high lactation was completed by a Holstein cow owned by Weaver Homestead Farm, R.D. #1, Box 892, New Holland. 34 produced 30,506 lbs. of milk, 1,218 lbs of butterfat with a 3.9% test in 305 days.

FIRST 305 DAYS OF LACTATION WITH 840 OR MORE LBS. OF BUTTERFAT.

Owner	Breed	Age	Days	Milk	Test	Fat
John H. Howard						
Ruble	RH	5-3	305	32,525	3 8	1247
Weaver Homestead Farm						
34	GrH	3-2	305	30,506	3 9	1218
57	GrH	2-5	305	24,425	4 2	1026
27	GrH	5-7	305	26,618	3 5	938
Conestoga Farms						
Agnes	RH	5-10	305	29,272	3 8	1123
Super	RH	5-6	305	28,253	3 5	993
Della	RH	8-6	305	26,068	3.6	948
Glenn R. Binkley						
47	RH	5-4	305	29,921	3.7	1116
41	RH	5-7	305	23,638	3.8	900
40	RH	5-8	305	26,488	3.3	884
Lapp Valley Farm						
Darla	RH	5-10	305	25,968	4.2	1105
Kathy	RH	3-6	305	21,692	3.8	843
Allen S. Groff & Son						
45	GrH	4-11	305	28,668	3 8	1090
90	GrH	6-8	305	24,541	4.2	1046
Thomas C. Lapp						
Pepper	RH	4-5	305	28,226	3 8	1084
Star	RH	5-3	305	28,179	3.5	1002
Linda	RH	3-9	305	22,174	4 2	939
Sharon	RH	3-9	305	22,555	3 7	851
Dale R. Metz						
130	GrH	5-9	305	27,582	3 8	1073
Earl S Weaver						
Lydia	RH	4-4	305	26,563	4 0	1073
Calvin D. Beiler						
Angle	RH	4-3	305	25,710	4.1	1072
C Nevin Hershey						
Chime	RH	7-4	305	25,203	4.2	1059
Kinde	RH	5-6	305	27,440	3 3	907
Edwin Sensenig						
Lena	GrH	6-0	305	31,521	3 3	1055
117	GrH	7-2	275	28,389	3 2	914
Garwood Farm						
Lady	RH	4-2	305	26,453	3 9	1041
Sue	RH	4-5	305	21,331	4 0	868
Titus B. Stoner						
Ivy	RH	6-9	305	22,147	4 6	1039
Windy	RH	4-9	305	21,509	4 5	985
Dolly	RH	6-6	305	24,222	4 0	978
Vivian	RH	4-8	305	21,470	3 9	845
Curtis E Akers						
Jiff	RH	4-0	305	27,846	3 7	1038
Jessie	RH	5-2	301	23,423	4 1	970
Kreider's & Nickle						
68	GrH	6-0	305	22,884	4 5	1036
51	GrH	6-8	305	22,781	4.0	930
198	GrH	4-3	305	22,629	4.0	923
209	GrH	4-1	305	21,428	4.1	887
11	GrH	3-0	305	21,764	4.0	885
Ferncrest Farm						
399	GrH	4-0	305	23,148	4 4	1035
Loren L. Zimmerman						
Helen	RH	7-7	279	25,210	4.0	1025
Glenn H. Wenger						
Noble	RH	6-4	305	25,793	3 9	1018
Nicky	RH	4-8	304	23,759	3 6	855
Tom Zartman						
38	GrH	5-0	305	24,214	4 2	1018
46	GrH	4-11	305	27,773	3 5	982
121	RH	4-6	305	24,900	3 7	939
108	RH	3-1	305	27,326	3 3	914
Amos W. Breneman						
Brigade	RH	5-11	305	27,132	3.7	1016
Liz	GrH	6-2	305	23,867	3 7	894
Inky	GrH	6-0	305	26,593	3 2	862
Clara	GrH	8-11	284	21,960	3 8	850
Ephraim D Riehl Jr						
Linda	RH	4-8	305	30,046	3 3	1004
Tammy	RH	8-1	305	24,734	4 0	990
Kandy	RH	6-3	301	22,014	3 9	878
Harry Zimmerman Jr.						
Brooke	RH	4-4	305	25,600	3 9	1001
Naomi	RH	4-2	282	22,579	4 1	939
Stew	RH	3-3	305	25,083	3 3	849
Glenn R Bushong						
Joy	GrH	7-5	305	24 410	4 1	1000
Nelson W Nolt						
114	RH	7-7	305	23,416	4 2	999

(Turn to Page D10)

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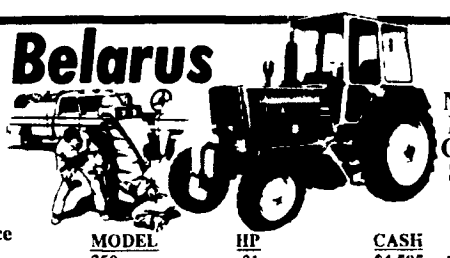

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400	57		$7,995
T42 Backhoe Loader	57	4WD	$19,695
420 AN 4WD	57		$9,995
611 C w/rollbar	75	Plus	$10,995
505	70	Freight	$10,995
525A 4WD	70	Less	$11,995
562 4WD w/cab	70	Trade-In	$13,679
820 4WD	85	Many	$13,995
822 4WD w/cab	85	More	$14,795
920 4WD	100	Sizes	$18,495
922 4WD w/cab	100	Available	$20,395
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Replacement	57 Power Plant		$2,395

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(Continued from Page D9)

119	RH	7-1	305	25,509	3.7	959
44	RH	11-5	305	18,824	4 6	875
J.S. Smucker - Sons Farm 1						
662	RH	3-9	305	23,858	4.1	998
644	GrH	6-1	305	24,626	3.6	894
399	GrH	9-10	305	23,610	3.5	846
Henry U. Stoltzfus Jr.						
Lona	RH	3-11	305	27,919	3.5	997
Sylvia	RH	4-7	305	27,714	3.4	959
Vernon R. Umble & Son						
Lynette	RH	6-0	305	28,107	3.5	995
Burnell W. Nolt						
57	RH	9-7	305	22,195	4.4	993
34	RH	6-2	305	19,008	4.4	845
Kenneth E. Zurin						
621	GrH	3-1	305	25,748	3.8	987
183	RH	6-2	305	23,306	4.0	938
575	GrH	3-3	305	23,227	3 9	909
50	GrH	4-1	305	26,599	3.3	898
622	GrH	3-1	288	21,222	4.1	873
16	GrH	4-10	305	23,379	3.6	849
Leon N. Sensenig						
49	GrH	4-5	305	27,312	3.6	986
Philip Horst						
Amy	GrH	3-4	305	25,329	3 8	986
Peanut	GrH	2-10	305	19,648	4 5	887
Wilmer L. Shertzer						
68	GrH	5-1	305	22,721	4 3	984
Marvin K. Witmer						
Lena	RH	5-4	305	25,004	3 9	983
Eileen	RH	3-1	305	18,130	4 8	880
Cheryl	RH	6-1	305	24,441	3.4	852
Robert H. Rohrer & Sons						
233	GrH	6-3	305	25,610	3.8	981
381	GrH	4-11	305	31,934	2.8	901
Graywood Farms						
167	GrH	4-11	305	23,615	4.1	978
406	GrH	7-0	305	19,922	4.6	917
519	GrH	4-10	305	20,858	4 2	890
62	GrH	5-1	291	20,344	4.1	844
Ben & Marian Stoltzfus						
Endora	GrH	3-10	305	24,046	4.0	975
Robert & Linda Sensenig						
26	GrH	3-3	305	23,454	4.1	975
30	GrH	4-5	300	21,982	4.1	908
43	GrH	5-6	305	22,985	3.9	898
David & Robin Dum						
243	RH	4-5	296	21,898	4.4	975
1108	RH	5-4	305	23,480	4.1	968
1121	RH	4-11	305	21,225	4.3	931
222	RH	4-0	305	23,620	3.8	897
Red Knob Farm						
626	GrH	3-5	305	24,841	3.9	973
84	GrH	7-10	305	25,340	3.5	900
153	GrH	7-4	305	23,157	3.8	894
619	GrH	3-6	305	20,562	4.3	889
231	GrH	6-0	305	24,829	3.5	868
Earl E. Martin						
Etta	RH	3-0	305	23,798	4.0	973
Nathan E. Stoltzfus						
Freedom	RH	7-0	305	23,644	4.1	972
Keldora	RH	6-3	305	24,463	3.5	871
Six Corner Farm						
Elaine	RH	4-9	305	27,127	3.5	971
Cindy	RH	5-2	305	23,125	3 9	909
Welsh-Vista Farm						
3	RH	3-2	305	25,486	3 8	970
Neil Good						
Bella	RH	3-4	305	23,866	4.0	969
J. Floyd Kreider						
13	RH	5-8	305	26,432	3.6	966
5	RH	4-11	305	23,541	3.8	915
George M. Hurst						
128	RH	3-3	305	24,869	3.8	966
54	RH	4-3	305	22,513	3.8	871
221	RH	7-0	305	21,623	3.9	863
Earl N. Landis						
Beth	RH	3-0	305	21,997	4.3	965
Patsy	RH	3-1	305	18,332	4 8	895
Kral W. Herr (Red & White)						
7 Spic	R-W	7-4	305	23,668	4.0	960
Creek Knoll Farm #2						
Tracy	RH	5-10	305	25,760	3.7	958
Ammon E. Reiff						
Bubbles	RH	9-10	305	25,562	3.7	958
Misty	RH	6-1	305	22,803	4.0	922
John O. Stoltzfus						
Tresa	GrH	5-4	305	23,569	4.0	955
Wea-Land Farm						
Starlit	RH	4-8	305	25,312	3.7	952
Paul B. Zimmerman						
Juno	RH	5-9	305	22,391	4.2	951
Glenn E. Burkholder						
Elizabeth	RH	4-6	305	23,754	3.9	947
Susan	RH	4-0	305	27,147	3.3	904
Eli H. Weiler						
Yacht	RH	8-6	305	22,285	4.2	946
Paul D. Welk						
Carola	RH	3-10	305	23,055	4.1	945
Robert H. Kauffman						
Flower	RH	4-8	305	22,994	4.1	945
Alphia	RH	4-5	305	24,591	3.5	866
Cookie	RH	3-2	305	22,210	3.8	845

(Turn to Page D12)

BREAKING MILK RECORDS!

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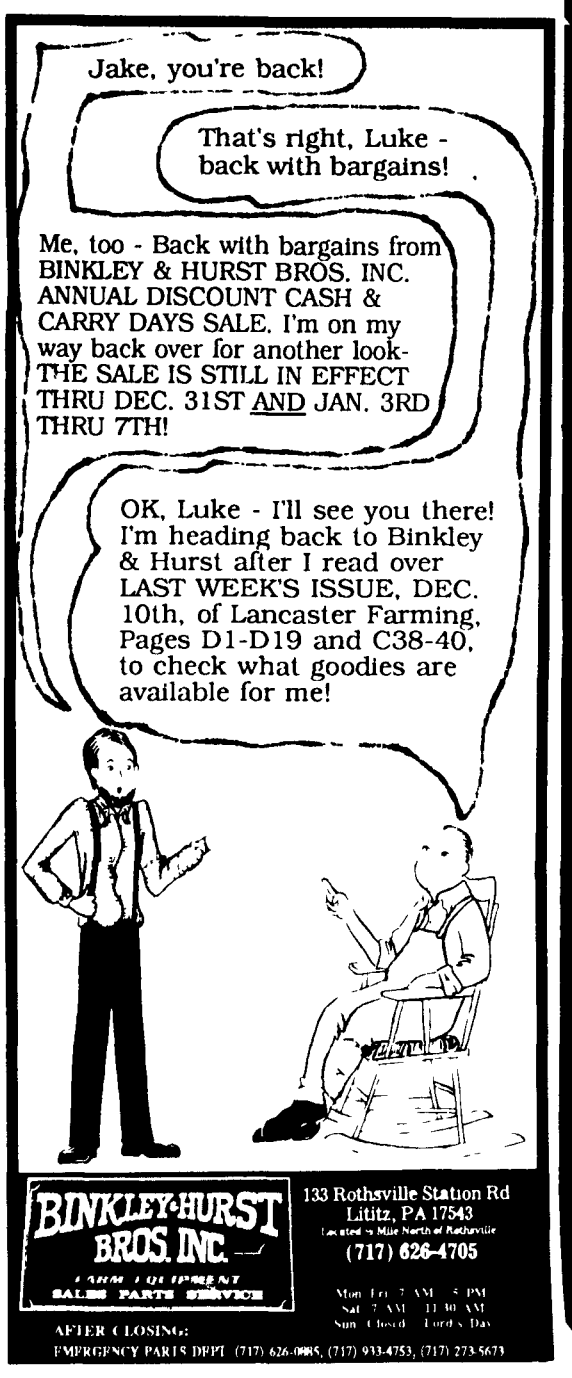
Jake, you're back!
That's right, Luke - back with bargains!
Me, too - Back with bargains from BINKLEY & HURST BROS. INC. ANNUAL DISCOUNT CASH & CARRY DAYS SALE. I'm on my way back over for another look- THE SALE IS STILL IN EFFECT THRU DEC. 31ST AND JAN. 3RD THRU 7TH!
OK, Luke - I'll see you there! I'm heading back to Binkley & Hurst after I read over LAST WEEK'S ISSUE, DEC. 10th, of Lancaster Farming, Pages D1-D19 and C38-40, to check what goodies are available for me!

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Sun. Closed - Lord's Day

AFTER CLOSING:
EMERGENCY PARTS DEPT. (717) 626-0885, (717) 933-4753, (717) 273-5673

GLENWOOD METAL FORMING

809 Glenwood Drive, Ephrata, PA 17522

717-733-9590

All Panels Cut To Length **Coverage - 36" Width**

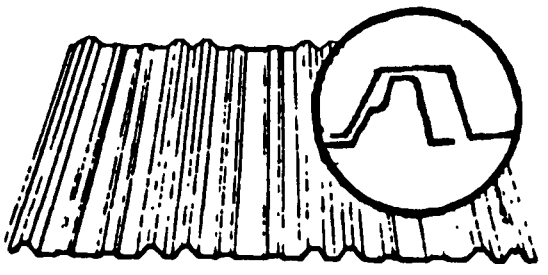
Our Regular Line Of 29 Gauge Metal

*** White * Barn Red * Earth Brown**
*** Sand Tan * Cypress Green * Gray**

26 Gauge Metal
* White
* Tan * Dk. Brown
* Gray * Lt. Blue

Bare Metal
26 Gauge Galvalume
26 Gauge Galvanized
29 Gauge Galvanized

SPECIAL
26 Ga. Painted Brown Metal
$1.50 Per Lin. Ft.



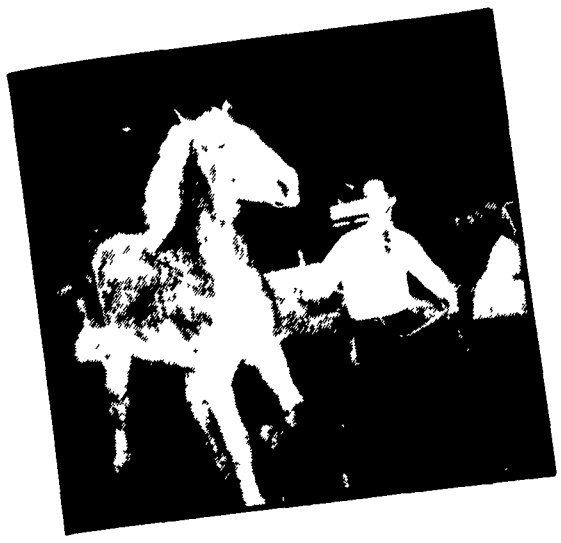
We Also Stock The Following Items

- DOORS Pre-Hung Thermo Doors, 4 Sizes With Mill Finish Jamb, Double Door, Door Jamb Trim and Door Track Cover
- KLAUER Roofline Ridgolators 10 Ft. Painted White Trin, End, Wall & Sidewall Flashing
- MISCELLANEOUS Guardian Features: Woodtite and Woodzac Screws and Dickson Weather Proof Nails:
- Agri Built Windows 24"x36".....36"x48" In Stock

ERECT TRAK rolling door hardware

Door Trak is available in 2" increments from 8' to 20' Lengths.

Galv. Trolley Hangers



YOUR AD WILL BE SEEN
BY OVER 125,000 READERS IN

Lancaster Farming's

ANNUAL

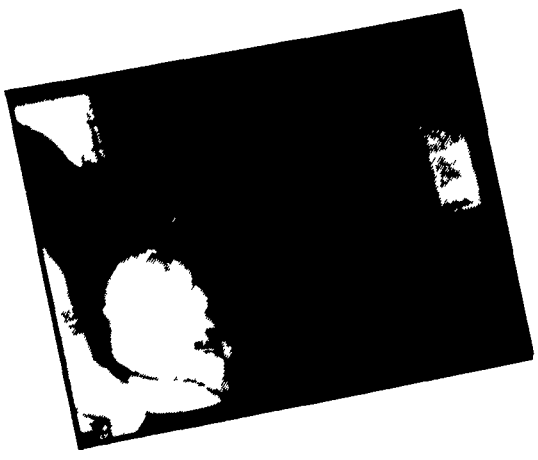
PENNSYLVANIA FARM SHOW ISSUE

SATURDAY, JANUARY 7, 1989

FEATURING

- ★ Complete Daily Farm Show Schedule
- ★ Floor Plan Of All Exhibits
- ★ List Of All Exhibitors
- ★ Various Farm Show Features
- ★ Keystone Farmer Resumes

STOP & VISIT US AT OUR BOOTH #274



PENNSYLVANIA
FARM SHOW
Harrisburg, PA

SUNDAY-FRIDAY
JANUARY 8-13
1989

Advertisers: Plan Now To Be Represented In This Special Issue

DEADLINE - DECEMBER 27

Phone 717-394-3047 or 717-626-1164

Lancaster Co. DHIA

(Continued from Page D10)

Melvin L. Shertzer						
Queen	RH	4-2	305	24,476	3 8	937
Gerald Martin						
Mamie	RH	4-4	305	24,082	3.8	936
Kendra	RH	5-8	305	24,724	3 4	849
Welk Shade Holsteins						
Diamond	GrH	5-4	305	21,772	4.3	936
Earl B. Reiff						
Orpha M	RH	4-6	305	22,716	4.1	935
Spring Belle Farm						
Gina	RH	5-4	305	22,011	4.2	934
Nelson R. Habecker						
79	GrH	4-8	305	22,724	4.1	933
53	GrH	4-5	305	25,353	3.4	877
G.M. Weaver						
Gell 27	GrH	7-0	305	24,865	3.7	829
Sandra	GrH	7-0	305	20,071	4.4	893
Prudy 15	RH	6-11	297	21,732	4.0	873
Ken & Lisa Wiker						
Gretta	GrH	4-8	305	25,093	3.6	927
J. Wilmer Conrad						
Blackie	GrH	3-3	305	22,681	4.0	926
Clair Oberholtzer						
Hibiscu	GrH	4-2	305	20,795	4 4	925
S & A Kreider & Sons						
263	GrH	4-3	305	22,893	4.0	924
John S. Nolt						
Debra	GrH	4-3	305	25,054	3.6	922
Alvin Lee Stoltzfus						
Mim	GrH	4-7	305	21,545	4 2	921
Juicy	GrH	5-0	303	19,637	4 4	866
Robert C. Groff						
Lacey	RH	4-10	305	22,775	4.0	920
Walter M. Hurst						
151	GrH	7-8	305	28,565	3.2	919
72	GrH	5-10	305	24,252	3.5	868
Marvin J. Work						
Dressy	RH	8-4	291	25,177	3.6	918
Glenn F. Shenk						
Susan	RH	7-11	305	24,051	3.8	918
Meadow Vista Farm						
678	RH	3-3	305	24,110	3.7	914
Winnie	RH	3-11	298	23,860	3 5	857
Ivan S. Stoltzfus						
Bonnie	RH	5-1	305	24,328	3.7	913
Jonathan K. Lantz						
Carolyn	GrH	4-3	305	24,067	3.7	913
Samuel E. Beiler						
Lyn	RH	5-7	296	23,760	3.8	912
Doris	RH	7-11	305	29,292	3.0	904
Fudge	RH	5-9	305	24,642	3.5	875
Nathan P. Stoltzfus						
Lass	RH	9-4	305	25,084	3.6	907
Curtis & Dolly Martin						
Puddin	RH	5-1	305	24,430	3.7	905
Joseph DeLong						
63D	GrH	4-1	305	18,866	4.8	905
Delmar & Susan Weaver						
Snowball	GrH	3-4	305	25,230	3 5	904
Creek Knoll Farm #1						
Melanie	RH	5-3	305	24,219	3 7	904
Albert Breneman						
Dandy	RH	4-10	305	23,216	3 8	904
Dabby	RH	4-0	305	25,643	3.3	845
Jonas B. Stoltzfus						
Dippy	GrH	5-8	292	21,869	4.1	904
Conestoga Side Farm						
Future	RH	3-11	305	25,090	3.6	902
Elmer M. High						
45	GrH	6-8	281	23,970	3 7	902
68	RH	7-10	305	27,956	3.1	873
34	RH	8-4	305	26,037	3.2	849
Aaron R. Zeiset						
22	GrH	6-10	305	20,232	4.4	902
John T. Byers & Son						
18	GrH	10-3	305	21,311	4.2	901
Curvin W. Nolt						
113	RH	4-5	305	26,794	3.3	899
79	RH	5-11	305	17,437	5.0	878
John L. Landis						
55	RH	4-9	285	23,048	3.9	898
Elam Petersheim						
Biscuit	RH	5-6	303	22,082	4.0	898
Roy E. Sensenig						
64	GrH	5-11	305	22,079	4.0	897
60	GrH	6-0	305	23,393	3.7	880
J.S. Smucker & Sons Farm #2						
495	RH	6-5	305	26,232	3.4	896
C. Robert Greider						
304	GrH	5-6	305	25,367	3.5	895
Ivan Zook & Sons						
124	RH	5-4	305	23,623	3.7	895
Ken & Nelson Stoner						
53	RH	3-8	305	22,744	3.9	892
172	GrH	6-1	305	20,847	4.0	840
Sandy Hollow Farm						
Jill	RH	4-4	305	21,911	4.0	892
Noah Kreider & Sons						
544	GrH	4-0	302	19,415	4.5	892
397	GrH	4-0	305	24,253	3.6	876
Hershvale Farms						
42	RH	6-3	305	25,087	3 5	891
Emanuel S. Smucker						
Sunshine	RH	3-3	305	24,397	3.6	891
Judy	RH	4-7	305	26,330	3.3	869
Kenneth L. Beiler						
Ada	RH	5-0	305	26,111	3.4	890
John F. Petersheim						
177	RH	4-7	305	25,028	3.5	890
John B. Groff						
Rosemary	RH	7-4	305	24,807	3.5	890
Albert E. Fry						
Bonbon	RH	4-2	292	21,101	4.2	888
David D. Zimmerman						
Jewel	RH	8-0	305	202,389	4.3	888
Joseph C. Wivell						
Dana	RH	7-0	305	24,386	3.6	885
E. Richard Bruckhart						
Beaver 2	RH	3-1	305	19,392	4.5	885
Feather	RH	7-3	305	21,934	4.0	878
Paul V. Nissley						
Alberta	RH	5-0	305	23,052	3.8	883
Windmill Farm						
Olivia	RH	5-7	305	21,155	4.1	883
Pleasant Pequea Farm						
Fran	RH	4-11	305	28,831	3.0	880
Fertrell Farm						
Fran	RH	4-11	305	28,828	3 0	879
Paul H Rohrer & Sons						
123	GrH	3-4	305	26,465	3 3	879
Running Springs Farm						
Alesha	GrH	3-3	305	22,015	3.9	879
Sady	GrH	7-0	305	20,453	4.1	847
Marlin R. Beiler						
Stacy	RH	4-1	305	23,398	3.7	878
Kenneth D. Myer						
Danlion	RH	6-8	305	23,118	3.7	877
Rubin	RH	3-11	305	20,458	4.2	872
Christian E. Riehl						
Jewel	RH	7-1	305	18,232	4.8	877
Dennis L. Martin						
Marie	RH	4-1	305	26,881	3.2	875
John Omar Stoltzfus Jr.						
Queen	RH	5-5	305	22,013	3.9	874
King-Ridge Farm						
Vienna	RH	4-9	305	21,446	4.0	874
Abram M. Stoltzfus						
Sally	GrH	3-3	305	21,911	3.9	873
Mahlon E. King						
Windy	GrH	6-4	305	23,334	3.7	867
John M. Harnish						
Renee	RH	5-4	305	19,410	4.4	867
Margo	RH	5-6	305	24,437	3.4	848
Welk Acres Farm						
Blanche	RH	3-11	305	24,341	3.5	866
Richard B. Hess						
38	RH	4-9	305	23,827	3.6	866
John Omar Stoltzfus						
Pleasure	RH	6-1	305	21,282	4.0	865
Eli S. King						
Cindy	GrH	5-2	305	18,775	4.6	865
Paul S. Zimmerman						
44	RH	8-1	305	17,723	4.8	865
Nelson Nolt						
Ica	RH	3-2	305	24,424	3.5	864

Yetter Offers Coulters For Mini-Till Savings

COLCHESTER, IL. — Yetter disc-chisel coulters are designed to convert conventional implements for minimum tillage at a minimum cost. They can be mounted ahead of each shank to reduce implement draft while making one pass possible in trashy conditions. The self-sharpening 17 or 20-inch ripple blade coulters slice the trash and residue so the chisel can shatter and incorporate with less horsepower. Plugging problems are reduced and the result is better protection against wind and rain erosion.

Yetter disc-chisel coulters are equipped with sealed bearings and are spring-loaded to prevent bouncing. Downpressure can be adjusted for ground conditions, depth of cut and blade wear. These coulters are easily adapted for use with chisel plows, field cultivators and planters. They offer significant savings in time and fuel by permitting greater efficiency from existing tractor horsepower.

We will not be undersold on this item . . .

We will match any advertised price; plus $1 less on the cost of your heater.

ALADDIN... Our Best Seller!

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CERAMIC MINI HEATER

Aladdin

- 5 YR WARRANTY
- USES 110 AC CURRENT
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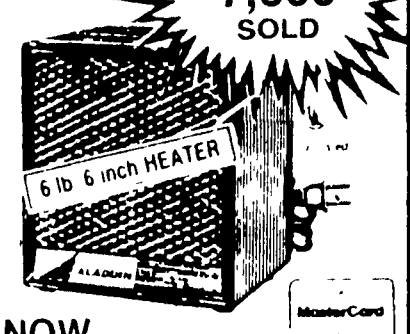
- COOL TO THE TOUCH
- HEATS A LARGE ROOM

FITS IN PALM OF HAND

Reg List $189.00

OVER 7,600 SOLD



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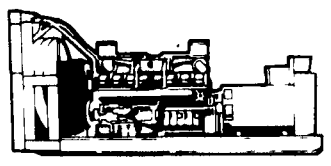
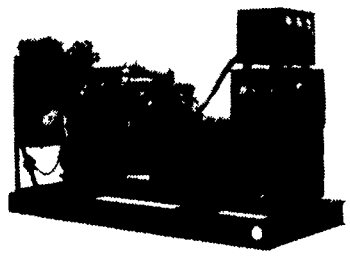
1-800-252-4900 FOR NEXT DAY DELIVERY

MARTIN MACHINERY



SPECIAL SALE



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(While Supply Lasts)

WINCO POWER PLANTS

- 30 KW 120/240 Volts 1 Phase
- 1800 RPM
- 225 C.U. in. Chrysler Industrial Engine
- Brushless Alternator
- A.C. Meter Panel
- Engine Guages
- Automatic Start Control Panel
- Four Light Safety Shut Down
- Main Line Circuit Breaker
- Block Heater
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215-445-4585

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314-378-5457

York Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

October, 1988
Rolling Herd Average

1078 lbs. BF and 29051 lbs. milk was produced in 305 days by Roxanne a 4 year old Holstein owned by Smysers Richlawn Farms, 2691 East Berlin Rd., York. Second high was 588 a 3 year old Holstein who produced 1042 lbs. BF and 24,274 lbs. milk in 305 days, owned by McRal Dairy Farm, RD#1, Box 169 East Berlin 17316. High herd was Smysers Richlawn Farm, 2691 East Berlin Rd., York with 76 cows producing 24,645 lbs. milk and 862 lbs. BF. Second high was Lynn Wolf, RD #1 Abbottstown, with 74 cows producing 21930 lbs. milk and 800 lbs. BF.

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Smysers Richlawn Fms	3	75.6	87.7	24,645	862
Rutters	3	10.8	87.3	19,589	804
Lynn Wolf	3	73.9	89.4	21,930	800
HS & RE Fetrow	3	84.4	86.6	21,674	781
Jim&Holly McCaffree	3	51.8	86.8	21,524	781
Beshore Farms	3	48.9	86.7	21,085	769
McRal Dairy Farm	B3	242.6	88.3	20,136	751
Sinking Spring Fminc	3	63.4	87.9	19,656	725
Dan & Patti Hushon	B3	45.9	89 1	20,711	723
William Ruppert	B3	56.5	86 3	19,763	719
Shelbud Holsteins	3	88.2	89 3	19,490	712
Thomas A Boyer	3	48.9	82 4	18,800	708
Melvin + Barb Marks	3	47.4	88.2	19,803	702
Rick L Cook	B3	80.6	86 4	18,426	698
Wayne E Myers	3	52 7	82.8	18,617	693
Melvin R Lehr	B3	47.6	84.2	18,366	691
RR & MR Stewart	3	60.3	87.1	18,608	687
Four-Co Farm	3	51.9	86.4	20,153	682
William Myers	B3	51.5	90.1	18,521	672
Earl Fuhrman	3	94.0	89.1	18,746	668
B Robert Charles	3	49.4	85.0	18,426	668
Leonard Greek	3	48.5	88.7	17,162	666
T Edwin Johnson	3	79.4	88.4	16,842	663
Ramsey S Cooper Jr	3	65.1	86.3	17,627	662
David Gemmill	B3	98.4	90 2	17,743	661
Big T Holsteins	B3	99.8	87 2	18,233	657
Rutter Bros	2	68.3	88 9	13,913	654
Elvin G Molison	B3	147.8	85.3	17,163	644
Leroy E Walker	B8	21.4	86 8	18,431	638
Gary W Thoman	B3	49 8	86.1	17,478	635
Spring Meadow Farm	4	6.2	91.3	13,541	632
Mervin W Hertzler	2	62 7	88.5	13,867	629
VH+MB Hushon	G3	73.7	91 4	17,549	628
David Stewart	3	111.8	93.3	16,329	627
Hopewell Center Farm	B3	30.4	85 0	17,713	627
Albert Dehoff	B3	150 6	88 5	17,407	625
Elvin R Deiter	G3	59 1	84.2	17,374	622
Woodbine Farms	3	144 1	84 6	17,266	620
Smokey Hollow Farm	G3	50 7	79 7	18,258	619
J Donnell Taylor	B3	139.7	85.7	17,222	618
Eisenhart Bros	B8	97 9	90 5	16,613	618
Harold Brown	3	66 7	87 8	17,512	616
Rodman C Thompson	3	68 8	84 4	17,505	612
Perrydell Farms	B3	163 5	83 9	16,450	607
Ann + Kurt Pealer	B3	29 2	88.4	17,092	606
George Innerst & Sons	B3	112 3	86 0	16,541	605
Edwin L Calhoun	B3	53 1	85 0	17,027	601
Double D Farm	G3	109 1	83 2	15,642	599
Walnut Hill Farm	B8	54 3	83 5	16,467	598
Robt Baumgardner Jr	B3	60 4	85 5	18,103	597
Gum Tree Farm	3	46.5	88 1	16,368	596
Kenneth L Rexroth	B3	142.1	85 4	15,726	595
Bupplynn Farms Farm 2	B3	65 5	85 0	17,448	587
Furnace Creek Farm	3	113 0	83 8	15,987	586
Kevin S Holtzinger	B3	203 0	86 5	16,078	586
Keith A Shaffer	3	43 1	86 3	15,805	584
Deal Holsteins Farm	B3	127 2	87 0	15,724	584
Phillip D Laughman	3	25 8	84 1	16,278	582
Robert W Mays	B3	66 5	85 4	15,913	581
Wayshar Farm	B3	92 5	86.0	15,233	580

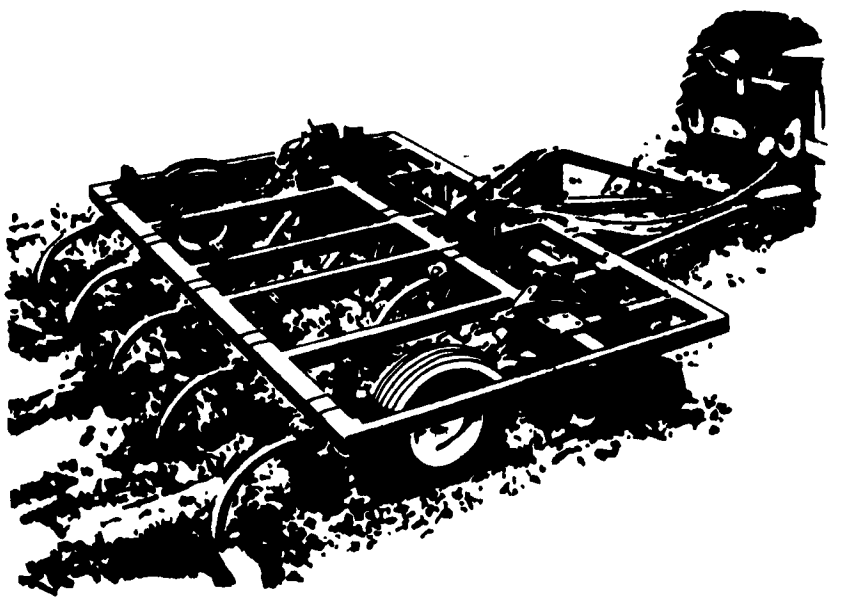
(Turn to Page D14)

Brillion

ON THE MOVE... IN TO THE 90's

SOIL BUILDERS.

USE LESS HORSEPOWER; PUT BRAKES ON EROSION



Now you can build up your soil while you stop erosion with Brillion's 14 models of Soil Builders. These conservation tillage machines slice through residue, then chisel and ridge the soil. They increase water holding capacity. Blend in cornstalks and trash. Fight water and wind erosion.

Brillion Soil Builders are the one-trip minimum tillage tools that save fuel and cover 50% more acres compared to moldboard plowing. See us for more information and prices on Brillion Soil Builders. Available in new 15- and 17-shank sizes for big tractors; or 5, 7, 9, 11 and 13-shanks to match whatever h.p. you have.

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IVAN J. ZOOK FARM EQUIP.
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Easton

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SHARTLESVILLE FARM SERVICE
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PIKEVILLE EQUIPMENT, INC
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ANGELO S FARM EQUIPMENT
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Perryopolis

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WALTEMYER S S & S INC
RD #3, Box 43 B
Red Lion

SUMMIT MACHINERY, INC
PO Box 325
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RRD2 Box 48X
Oakland

FINCH SERVICES, INC
PO Box 565
Westminster

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RD #3, Box 179
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Petticoat Bridge Rd
Columbus

FOSTER EQUIPMENT SALES
Elmer

CALDWELL TRACTOR & EQUIP
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Fairfield

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Flemington

SHORE TRACTOR CO
RD #1 Rt 9
Freehold

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Stiger Street
Hackettstown

Brillion

ON THE MOVE...
IN TO THE 90's

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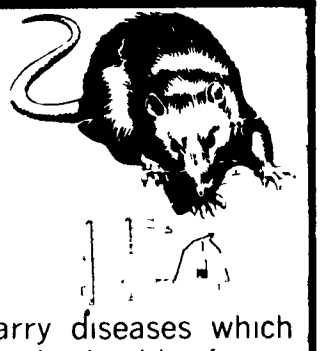

RODENTS carry diseases which can endanger the health of your poultry flocks **Your** business is raising them **Ours** is protecting them

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Lewistown, PA
248 0983

State College PA
237 7607

York Co. DHIA

(Continued from Page D13)

Ellis Crowl	B3	80.4	86.5	14,837	580
Doug & Gene Kilgore	B3	70.4	85.0	15,988	579
Leaspring Farm	3	53.3	84.6	16,630	578
Leroy Bupp	3	115.6	83.6	16,461	577
Dennis J Myers	3	51.0	88.7	18,401	576
Dale & Darla Doll	3	78.0	87.6	16,373	573
John C Krone	B8	43.9	88.2	15,325	572
T+K Jerseys	B4	10.8	84.7	12,089	571
Galen Hess	G3	67.0	87.1	15,506	563
Hidden Springs Farm	B3	82.5	85.0	16,000	563
Hopewell Center Farm	8	4.8	93.6	11,410	559
Howard G Taylor	B3	71.4	85.1	14,621	556
Nelson R Brenneman	B3	59.7	82.1	15,603	553
Myron R Pomraning	G3	58.1	85.8	14,862	552
William-Robert Fantom	B3	69 1	86.8	15,432	550

Lactations

ET-152	3	6-9	305	23,221	2.8	652
ET-96	3	7-0	305	23,208	3.1	727
6267	3	5-2	305	22,802	3.5	798
335	3	3-5	305	23,201	2.9	691
Fancy	3	3-8	305	22,486	3.8	858
William-Robert Fantom						
91	3	5-3	305	17,019	3.8	652
Ellis Crowl						
Y-154	3	6-8	305	17,766	4.5	809
Y-214	3	5-7	305	16,362	4.3	717
G-10	3	3-2	305	17,604	4.0	704
Sinking Spring Fminc						
Tinez	3	5-5	305	23,853	3.9	950
Rae	3	7-2	305	21,285	4.0	855
Jubilee	3	4-3	305	18,372	3.7	695
Dawn	3	3-1	305	21,294	3.8	826
Rutter Bros						
Sid	2	7-4	305	19,875	3.9	792
Lindsay	2	4-3	305	17,837	5.0	897
Jade	2	3-5	305	15,095	4.4	676
Beshore Farms						
Juniper	3	8-4	305	23,921	3.1	746
Linnan	3	7-0	305	23,359	4.1	965
Gum Tree Farm						
Josie	3	2-11	305	16,760	4.0	680
Albert Dehoff						
400	3	7-2	305	23,123	2.9	685
123 A	3	5-6	305	27,290	3.0	822
160 A	3	4-6	305	21,976	3.3	738
192	3	4-4	305	17,346	3.9	683
133 B	3	1-10	305	20,109	3.3	670
134 B	3	1-10	305	21,235	3.1	660
Leaspring Farm						
Justis	3	4-9	305	22,504	3.1	700
Beanie	3	3-1	286	17,878	3.7	663
Doug & Gene Kilgore						
Red	3	5-11	305	16,817	3.9	666
Rosy	3	5-8	305	18,057	3.6	664
Blaze	3	4-3	305	20,089	3.3	663
Earl Fuhrman						
199	3	2-4	305	23,439	3.1	726
HS & RE Fetrow						
Lily	3	5-6	305	20,842	3.4	721
Audrey	3	4-10	305	25,824	3.2	832
Gill	3	4-7	305	25,186	3.6	922
Jill	3	3-4	305	20,640	3.9	807
Faith	3	2-4	305	19,711	3.6	721
Fayne	3	2-4	305	19,421	4.0	780
Admiral	3	2-3	302	17,083	3.9	670
Rodman C Thompson						
Thais	3	5-2	305	24,215	2.9	718
Barb	3	3-4	305	22,862	3.7	854
VH + MB Hushon						
108 I	3	8-9	279	19,167	3.7	709
184 J	3	4-8	296	22,956	3.5	815
131 I	3	4-11	305	21,313	4.4	942
Smysers Richlawn Fms						
Jane	3	7-1	281	16,591	4.5	747
Roxanne	3	4-3	305	29,051	3.7	1078
Janel	3	4-0	305	28,437	3.2	922
Betsy	3	4-0	305	29,839	2.8	850
Beauty	3	3-1	291	22,187	3.8	846
Julie	3	2-0	305	24,477	3.0	738
Frannie	3	2-3	305	21,809	3.5	772
Janis	3	2-0	305	23,978	3.2	774
Ella	3	2-0	305	21,444	3.9	844
Leroy Bupp						
Joyce	3	6-5	305	23,128	3.6	846
Montie	3	5-0	305	19,706	3.3	655

(Turn to Page D15)

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Residential Wood Doors
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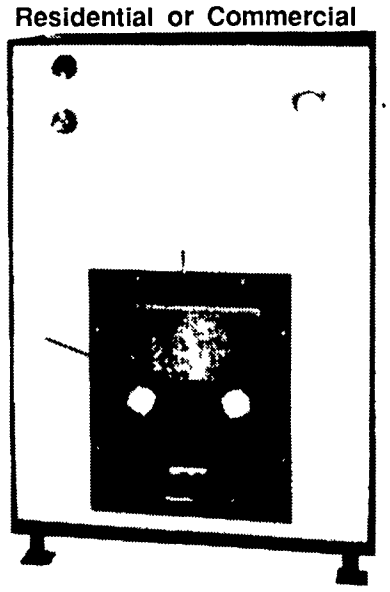

The AQUA II stores heat in a large volume of water from a single fire, which is allowed to go out. The heat retained in storage is used as needed.

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LAND PRIDE

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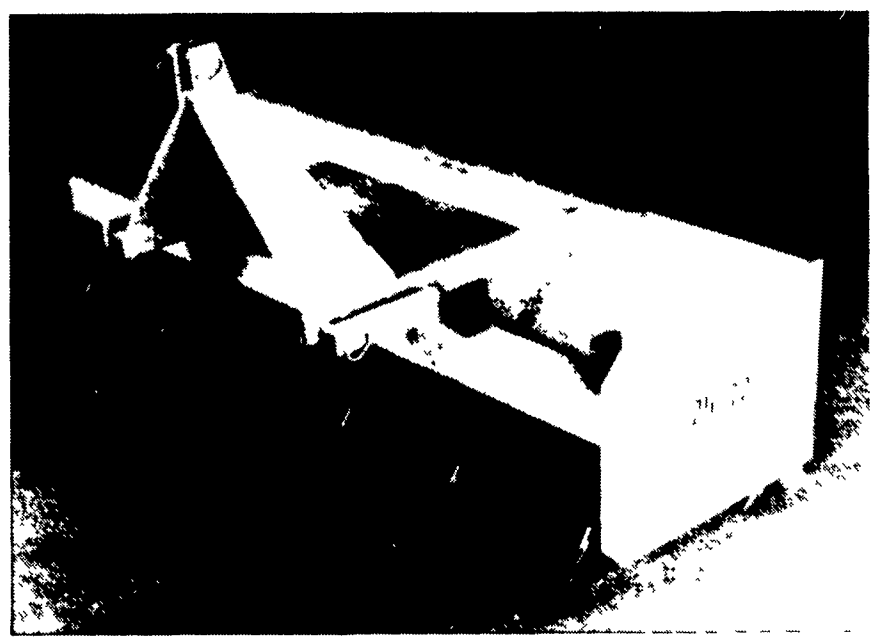

Land Pride Box Scrapers are built rugged for a long dirt-moving life. The heat-treated spring-steel shanks scarify the ground and the 17" high radius-formed moldboard keeps dirt flowing smoothly into the box. With the 4" square tubing main frame and ½ "x6" heat-treated, reversible cutting edge, these box scrapers are designed with the features you need.

The 25 series features double lug hitches and a plated A-frame. Both models have a welded brace from the A-frame to the rear of the bucket and a choice of rigid or hinged backfill blades.

Box Scraper Features:

- Radius-formed (rolled) moldboard - 17" high
- 4"x4" square tubing main frame
- Double-strap lower hitches - 25 series
- ¾ "x2½ " heat-treated spring steel shanks
- Heat-treated dimpled-on tips
- ½ "x6" high-carbon, heat-treated, curved cutting edge; reversible
- ½ " thick formed plate A-frame - 25 series
- 31½ " overall depth
- Pin securely holds shank - easy to remove for shank adjustment

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Hammonton, N.J. 08037
609-561-0141

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Washington, N.J. 07882
201-689-1464

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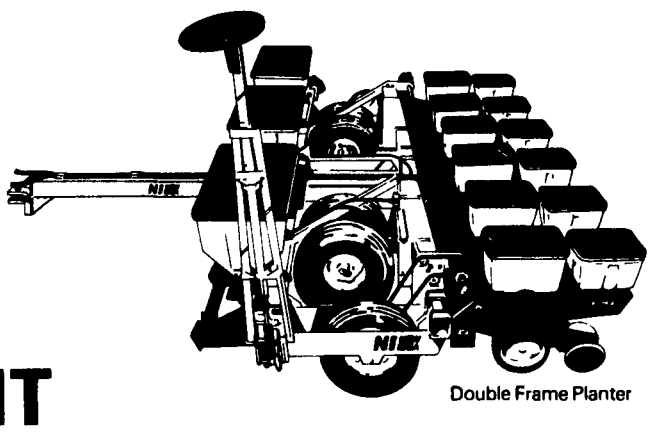
(Continued from Page D14)

Jello	3	3-3	305	19,888	3.2	650
Jasper	3	2-1	305	17,349	3.9	692
Hidden Springs Farm						
Nigal	3	8-10	305	22,027	3.2	724
Lilac	3	6-3	305	18,744	4.3	814
Dennis J Myers						
159	3	4-5	305	19,394	3.3	652
Jeffrey D Stambaugh						
Best	3	5-8	305	21,082	3.4	734
Dale & Darla Doll						
Clover	3	6-0	305	21,224	3.6	778
Kayo	3	4-9	305	18,603	3.5	662
Talent	3	4-5	305	23,512	2.8	677
Wisteri	3	3-2	305	20,309	3.9	810
Lynn Wolf						
Karma	3	7-1	280	24,105	3.7	892
Navaho	3	4-0	305	23,364	4.2	998
Helen	3	3-2	305	17,582	4.1	728
Ramsey S Cooper Jr						
Peppy	3	0-0	305	20,818	4.1	854
Melvin R Lehr						
11	3	10-11	305	24,937	3.9	995
43	3	5-11	286	19,184	4 0	768
Elvin R Deiter						
Rare	3	8-3	305	18,042	4.0	725
Ulane	3	4-10	305	20,289	3.4	689
Valerie	3	4-7	287	20,532	3.2	672
Wayshar Farm						
107	3	10-2	305	20,548	3.6	752
Gabrill	3	6-10	305	21,451	3 9	836
59	3	5-1	305	17,872	3.7	663
Trudie	3	7-5	291	16,314	4.0	659
Kenneth L Rexroth						
178	3	5-0	305	17,746	4.3	767
150	3	2-3	305	16,831	3.8	654
127 A	3	2-3	305	17,590	4 0	718
Rick L Cook						
77	3	5-0	305	18,267	4.2	772
19	3	4-4	305	22,120	3.9	865
18	3	2-11	305	18,474	4.2	781
J Donnell Taylor						
Rudy	3	11-5	305	17,417	3.7	651
Peggy	3	8-11	304	20,903	3.7	779
Eve	3	5-5	297	20,748	3.4	709
Dean	3	4-2	305	20,999	3.3	695
Michele	3	3-4	305	20,201	3.3	684
Elvin G Molison						
222	3	7-4	305	22,141	3 1	707
197	3	7-0	305	22,277	3.7	830

(Turn to Page D16)

NEW IDEA PLANTERS . . .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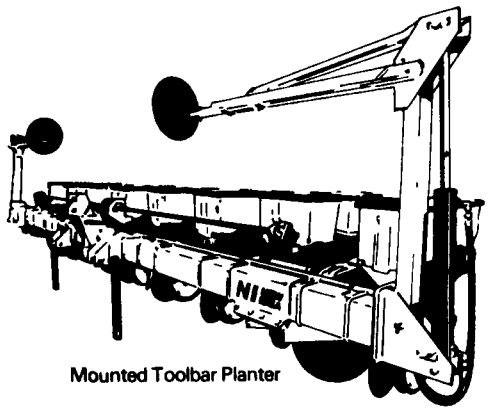
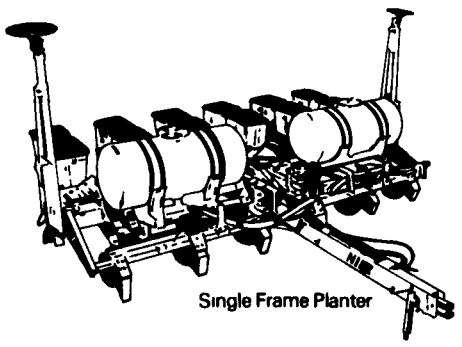
Whatever your planting requirements, there's a New Idea Planter to meet them!

New Idea's full line includes 4, 6, 8, and 12 row models . . single frame, double frame or folding models . . . mounted or trailing models . all featuring heavy-duty construction from the hitch to the main frame to the markers Plus, all New Idea Planters feature dependable Kinze row units for precise seed placement. In addition, all models are available with a variety of attachments that give you even greater planter flexibility


Mounted Toolbar Planter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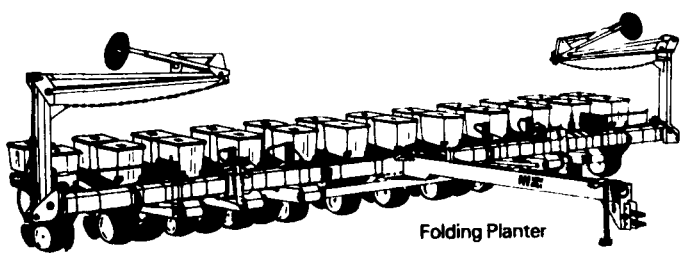
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York Co. DHIA

(Continued from Page D15)

250	3	4-1	305	18,081	3.9	720
338	3	2-1	305	21,342	3 5	752
Smokey Hollow Farm						
38	3	6-1	305	27,322	2.9	814
Mervin W Hertzler						
Yvonne	2	8-5	281	15,118	4.4	674
Allegra	2	4-0	305	20,240	4 0	812
Classy	2	2-10	305	16,130	4 2	681
Nelson R Brenneman						
Marlyn	3	5-0	305	16,280	4 1	668
Gary W Thoman						
Paulett	3	4-0	305	22,322	2.9	658
Angel	3	3-5	305	16,874	3 9	663
303	3	4-1	305	19,420	3 9	758
Edwin L Calhoun						
Honnie	3	2-0	305	20,281	3 6	732
Robert W Mays						
60	3	6-7	305	18,328	4 0	734
57	3	5-3	305	18,037	4 0	722
49	3	4-0	305	17,226	3.9	687
David L & Chris Druck						
168	3	5-8	305	22,357	3 3	748
182	3	5-4	288	18,248	4.0	731
Robt Baumgardner Jr						
60	3	5-0	305	19,872	3.7	740
Big T Holsteins						
Rosy	3	5-0	305	22,552	3.5	795
Helen	3	5-1	302	17,719	3.8	684
Dibble	3	4-6	305	20,232	4.0	813
Rockete	3	4-5	305	20,330	3.6	742
45	3	4-11	305	20,910	3.1	665
Perrydell Farms						
12	3	4-2	305	21,340	3 5	756
118	3	3-5	249	18,782	3.9	737
197	3	3-3	305	17,705	4.1	727
David Stewart						
Jody	3	4-9	305	20,934	3.7	785
Walnut Hill Farm						
Emma	3	6-3	305	22,387	2.9	654
Harmony	3	6-3	297	18,962	3 4	654
Gigi	3	3-5	305	18,476	3 5	656
Emily	3	3-2	305	19,553	3.5	694
Kayla	3	3-0	305	20,169	3 4	685
Myron R Pomraning						
48	3	4-0	305	19,073	3 6	690
David Gemmill						
80	3	7-2	298	21,288	3 8	818
8	3	2-4	305	17,179	3 8	652
10	3	5-1	305	21,359	3 7	795
Double D Farm						
196	3	8-3	305	16,717	4 2	707
260	3	5-0	305	17,373	4 3	756
Deal Holsteins Farm						
94	3	9-4	305	19,133	3.4	661
3	3	6-2	305	22,696	3.6	827
45	3	5-8	305	26,305	3.5	943
194	3	4-11	305	20,652	3.2	660
209	3	3-3	305	17,761	3 9	708
313	3	2-8	305	18,040	3.8	693
Keith A Shaffer						
Belinda	3	5-7	305	20,046	4.2	852
Millie	3	4-9	305	15,293	4.7	726
Liberty	3	4-1	305	18,325	3.5	653
George Innerst & Sons						
29	3	2-11	305	22,437	3.1	711
19	3	2-10	305	20,148	3.5	718
64	3	2-10	305	21,246	3.4	737
36	3	3-0	305	24,275	2.8	691
26	3	3-3	305	17,170	4.1	709
Jim&Holly McCaffree						
Karen	3	3-4	305	22,265	3.7	826
Joanne	3	3-3	305	21,123	3.7	801
Magic	3	2-6	305	20,173	3.3	680
Kismit	3	2-4	305	21,161	3.8	814
Nadine	3	2-6	305	20,969	3.3	704
#Capri	3	2-2	305	16,195	4.5	732
Alicia	3	2-0	305	22,375	3.4	763
William Myers						
Dora	3	7-8	227	18,261	3.9	718
Dan & Patti Hushon						
Jill	3	8-8	305	23,529	3.5	825
Spirit	3	3-1	305	18,700	3.4	651
Sara	3	4-3	305	25,385	3.1	790
Dandy	3	5-1	305	26,542	3.1	835
Leonard Greek						
Brand15	3	6-2	305	21,580	3.7	801
Mart 11	3	5-7	305	20,173	4.1	828
Dream	3	5-3	305	22,448	4.1	935
Dana	3	3-11	305	17,104	4.1	704
Hopewell Center Farm						
11	3	6-1	305	22,010	3.3	746
23	3	4-1	305	18,538	3.5	664
Ann + Kurt Pealer						
Allison	3	5-3	305	21,323	3.4	742
Shelbud Holsteins						
Gen	3	7-5	305	21,323	3.4	742
Eta	3	6-4	305	24,300	3.5	868
Beryl	3	3-2	257	15,519	4.2	658
Galen Hess						
40	3	6-10	305	19,496	3.4	677
Melvin + Barb Marks						
Lass	3	6-3	296	23,368	3.2	748
Popsy	3	5-5	266	16,114	4.1	667
Four-Co Farm						
Sylvi51	3	11-9	291	21,733	3.1	694
Lovely	3	5-5	305	24,468	3.1	762
Hidden Springs Farm						
Alyson	3	4-6	305	14,433	4.6	671

(Turn to Page D17)

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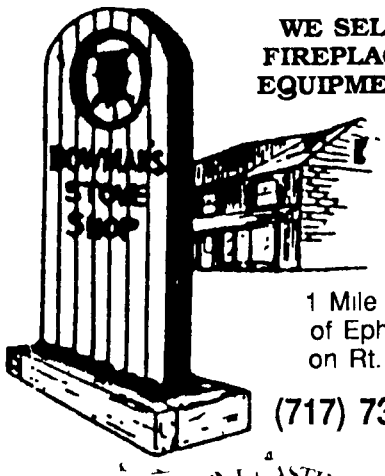

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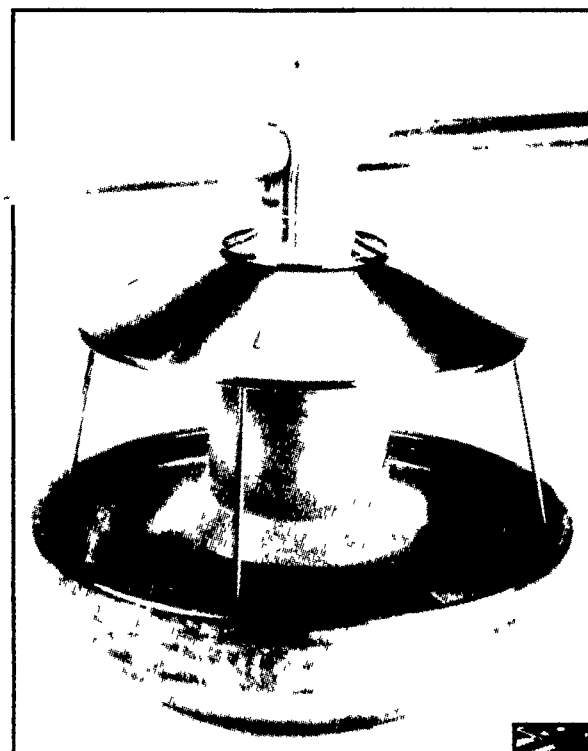

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(Continued from Page D16)

Kevin S Stoltzfus						
268	3	5-3	287	19,927	3 3	663
371	3	6-9	305	23,583	3.7	874
Dale E Ranck						
Fuzz	3	3-3	305	21,863	3.2	701
Helen	3	3-0	305	23,874	3 0	720
McRal Dairy Farm						
168	3	8-7	305	19,980	3.3	669
203	3	7-10	305	25,766	3.6	930
Dputy37	3	8-1	305	19,746	3 5	691
327	3	7-6	305	22,051	3.8	851
378	3	6-0	305	23,000	4.4	1025
436	3	5-10	305	23,374	3.6	843
450	3	5-4	305	20,644	3 4	720
453	3	5-4	305	22,286	3 3	739
461	3	5-2	305	23,330	4.1	957
462	3	5-1	305	28,419	3.2	925
487	3	4-5	305	26,059	3.9	1027
533	3	4-0	305	22,228	2.9	662
535	3	4-0	305	18,859	3.7	710
537	3	4-0	305	25,040	3.6	911
551	3	3-9	305	19,165	3.5	681
595	3	3-2	305	24,274	4.2	1042
595	3	3-0	305	24,101	3.3	804
699	3	2-0	305	20,884	3 1	660
707	3	1-11	305	18,228	3.9	725
705	3	2-0	305	20,068	3.6	731
706	3	2-0	305	16,100	4.1	667
708	3	1-11	305	19,944	3.6	735
William Ruppert						
30	3	6-11	305	20,650	3.2	676
Bubbles	3	8-0	305	19,699	3.7	734
Taffy	3	8-2	280	21,631	3 7	800
Evie	3	5-3	305	22.631	3 8	861
Annie	3	5-0	305	20,764	4.0	835
Leona	3	4-10	305	18,297	3.8	711
Eisenhart Bros						
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421	3	5-2	305	18,279	3.8	696

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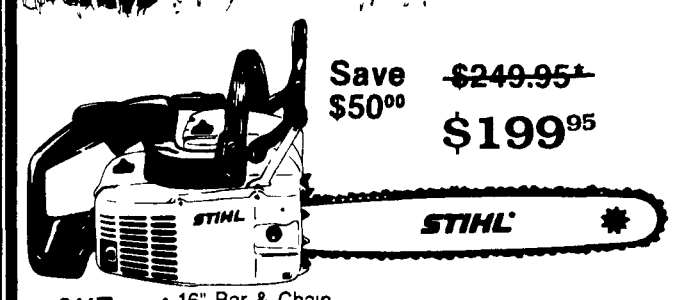

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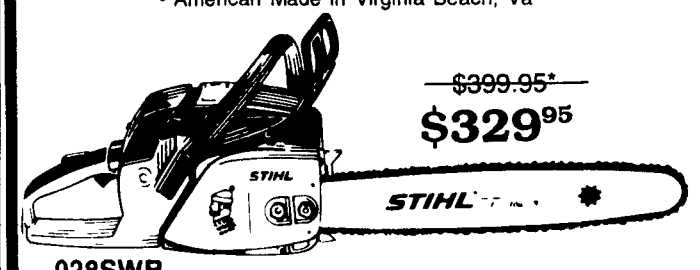

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New York Cattlemen To Meet In January

CORNING, NY — The New York Beef Cattlemen's Association and the New York Cattlewomen have scheduled their 1989 Annual Meeting and Trade Show for January 6 and 7, 1989, at the Marriott Hotel, East Syracuse, N.Y.

In addition, the New York State Forage & Grasslands Council is a co-sponsor of the 1989 convention, and they will be hosting meetings and seminars.

Four beef breed associations again will conduct their respective annual business and other meetings on this weekend. They are the NY Angus Assoc.; NY Charolais Assoc.; NY Shorthorn Assoc.; and NY Simmental Assoc.

The NYS Forage & Grasslands Council has scheduled an outstanding morning and early afternoon program on Friday, January 6. Their annual luncheon is at noon with Commissioner Donald Butcher, NYS AG & Markets, discussing "Ag 2000 and the Future of Livestock Production in New York."

Dr. Vivian Allen of V.P.I., Virginia will present "Beef on Forage: Conception to Slaughter", which should be of great interest to beef producers here in the Northeast. Dr. Robert Lucey of Cornell will discuss a trip he and other forage specialists participated in this past summer. His presentation is "Livestock Production Systems in Ireland." Dr. Dan Fox of Cornell and Darrell Emmick of USDA SCS will discuss a 10-year summary of pasture research at the Cornell Teaching & Research Center, Harford, N.Y.

NYBCA is sponsoring a Programs Update on Friday afternoon. Peter Comerford, NYS Ag & Markets will discuss "Performance Testing" and "On Farm Evaluation." Bill Greene, Cornell Beef Extension, will review "Extension Programs and Materials." Dr. Mike Thonney will discuss "Progress in Carcass Characteristic Selection" and Dr. Dan Fox will present information about "Ultra-Sound Measurement" and other research programs.

Dale Humphrey will headline the Friday evening banquet. Humphrey of Springville, Ind., is president of the National Cattlemen's Assoc. NCA is the national spokesman for the beef cattle industry, representing 230,000 professional cattlemen, including members of 71 affiliated (including NYBCA) state cattle and national breed organizations.

In 1985, Humphrey served as chairman of NCA's agricultural policy committee. In, 1984, he served as NCA Region I vice president, and was an NCA executive committee member, Humphrey also has served as both chairman and vice-chairman of the NCA resolutions committee and as chairman of the sub-committee on affiliate relations.

Humphrey has held every office of his state affiliate, the Indiana Beef Cattle Assoc. He also helped found the Lawrence County Cattlemen's Assoc. in 1964, a group which has had a major impact on the development of the cattle industry in southern Indiana.

Humphrey has reared on the general crop and livestock farm which he now operates in partnership with his son, Brian. The 1,900 acre operation centers around a 400 head commercial cow herd, with the yearling steers and replacement heifers being grazed on hill country grass. Humphrey and his wife, Peggy, have three grown children.

On Saturday, January 7, the NYBCA, NY Cattlewomen and the four beef breed organizations will conduct their respective annual business meetings. The Annual Awards Luncheon will be at 12:30. Recipients of "Cattleman of the Year," "Cattlewoman of the Year," the "Youth Award," and 'Best Feeder Calf Pens" will be announced.

This year's Saturday luncheon speaker is Jane Lindeman, Beef Cook-Off and Merchandising Coordinator for the Beef Industry Council of the National Live Stock and Meat Board. She will discuss bringing the National Beef Cook-Off to New York State. For the beef industry, the National Beef Cook-Off is unquestionably the year's single largest promotional, publicity-generating activity. The nation's beef industry proudly supports the National Beef Cook-Off because it is an excellent way to promote the versatility of beef.

Lindeman received her BS in education at Ohio University. She taught home economics foods and nutrition in high school and junior college for 10 years. She also coordinated Headstart foods and nutrition programs. After moving to Chicago, Jane developed and tested recipes in the test kitchens at Montgomery Wards and the National Live Stock and Meat Board before moving to the Beef Industry Council.

The two day Trade Show will feature fencing materials, seeds, feeds, general livestock equipment, health supplies and beef bread displays.

Beef and other livestock and forage producers are encouraged to attend and meet for a weekend of friendship and information.

Further information about the convention and reservations is available from NYBCA, Lee Kraszewski, Exec. Secy., RD 1 Box 120, Corning, NY 14830, or phone Lee at 607-734-8425.

Income Tax Meeting Planned

EBENSBURG (Bedford) — Tax preparers, farmers, homemakers, and other interested individuals can secure an update about federal income tax at the 1989 area income tax meeting to be conducted in Bedford, Tuesday, January 3, 1989 and Indiana, Friday, January 6, 1989 according to Ronald Hostetler, Cambria County Extension Agent, information presented at this meeting should be helpful as taxpayers approach the new tax filing season.

The topics covered at the meetings will range from a look at new developments to a reivew of important tax principles. The program will include a discussion of tax law changes affecting individuals and businesses, changes in tax forms, and critical issues when filing the 1988 tax return. Handout materials will be provided to support discussion by the Instructors.

Jesse G. Cooper and Larry C. Jenkins of Penn State University, with assistance from Internal Revenue Service personnel, will serve as instructors for each of the sessions.

Starting time for the income tax meetings is 8:30 a.m. The session will end at 4:00 p.m. The meetings will be held in Bedford-Arena Restaurant and Indiana-Rustic Lodge. The registration fee is $40 per person including lunch and reference materials. However, those who register and pay their fee before December 23 are entitled to an early registration discount of $10 and will play only $30. Additional reference materials, including a Master Federal Tax Manual, may be purchased for a small extra fee.

A brochure/registration form is available at the Cambria and respective county Penn State Cooperative Extension Offices.

These can be reached by telephone at Cambria County Courthouse #472-5440 extension 392-Ebensburg; 814/623-2000 extension 670-Bedford; 412/465-3880-Indiana.

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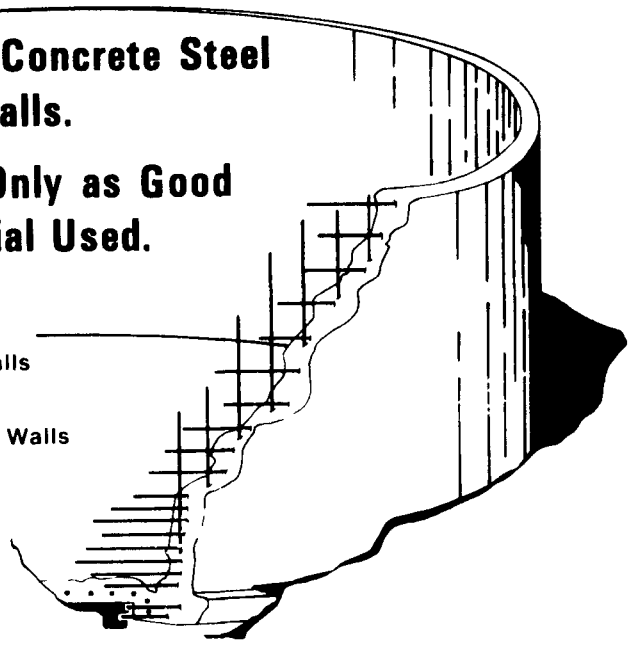

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Chesapeake Bay Foundation Begins Internship Program At Penn State

UNIVERSITY PARK (Centre) — The Chesapeake Bay Foundation has funded three student intern research projects at Penn State this fall. Kathleen Banski of Audubon, Corinne Curran of Oakmont, and Brian Trowbridge of Antes Fort are working with faculty in the College of Agriculture on research projects relating to the Pennsylvania effort to clean up the Chesapeake Bay.

Kathleen Banski, a graduate student in agricultural and extension education, is working with James Finley, instructor and extension specialist in forestry, and other faculty members in the School of Forest Resources to develop a manual that will describe sound land use management practices for stream-side landowners. The publication, scheduled to be distributed statewide through Penn State Cooperative Extension, will help landowners reduce surface runoff and erosion to decrease the amount of sediments and other pollutants entering the state's rivers and tributaries. Sediments and nutrients from surface run-off are prime polluters of the Chesapeake Bay.

Corinne Curran, a senior majoring in environmental resource management, is working with Dr. James D. Pratt, assistant professor of aquatic biology. Using a biomonitoring testing method, she is collecting data on the toxicity levels of effluents released by permitted dischargers into the Susquehanna River basin. Typically, Pennsylvania uses chemical standards to regulate sewage effluent dischargers. These chemical standards normally do not include levels of organic toxins that may harm the receiving stream's aquatic life. Biological monitoring can provide quick and low-cost analysis to predict the environmental impact of potentially toxic discharges.

Brian Trowbridge, a junior majoring in environmental resource management, also is working with Pratt. Trowbridge is monitoring the total amount of phosphorus discharged from the effluent of the Ferguson Township sewage treatment plant in Centre County. He is assessing biological changes in the aquatic environment of the receiving stream, both upstream and downstream of the sewage treatment plant. The project will determine if current total phosphorus standards are stringent enough to protect the aquatic species of the receiving stream.

The Chesapeake Bay Foundation, with Pennsylvania offices in Harrisburg, conducts programs in environmental education, land conservancy and environmental defense. "The intern program offers college students in the Susquehanna River Basin an opportunity to become directly involved in the Bay cleanup and to investigate career opportunities in environmental organizations," says Dan Rourke, intern coordinator for the foundation in Pennsylvania. Funding for the internship program, which supports Chesapeake Bay projects at colleges throughout the Susquehanna River basin, is provided by a grant from the Pew Charitable Trust Fund of Philadelphia.

Beegle Re-elected Atlantic Director

SOUTHAMPTON (Bucks) — H. Karl Beegle, Bedford, was re-elected a director of Atlantic Dairy Cooperative at the cooperative's annual meeting Nov. 16.

A Bedford County dairy farmer, Beegle will represent Atlantic's District 21. He joined the cooperative in 1952 and was elected to his first three-year term as director in 1964.

Beegle farms 320 acres and milks 35 Holstein cows.

As a director of Atlantic, Beegle will be instrumental in making policy-setting decisions that govern the operation of the cooperative.

Atlantic Dairy Cooperative, which represents 3,800 dairy farmers in a seven-state region, marketed 3.45 billion pounds of milk in fiscal 1988.

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Yearling Guernsey bul Fayette son also NH 354 feed mill 17 extendable delivery $3000 springing Guernsey cattle tested Adams Co 717 359 4383

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'78 Int I F2575 tractor, 350 Cummins, 13 spd '76 Parker, 28' trailer w/2 extra side on top bows & tarp $17,500 215 253 3158 after 5 p m

Paradise shelducks, Indian red jungle fowl, ringneck doves black shoulder & blue peafowl Wanted 4 horned female sheep Lloyd E Gerhart, 139 W King St Ephrata, Pa Lanc Co 717 733 2425

Polled herefords 3 bred cows w/calves at side must sell before end of year Howard Co Md 301 829 0671 eves

AKC German shephard puppies from Quarryville east on 372 3 mi , right on Mt Pleasant Rd Elam Zook, Lanc Co

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Case SC tricycle tractor runs good $500, 2 wood stoves $25 ea compound bow & arrows $50 York Co 717-993 3628

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Pick up truck bed for '85 Ford Ranger w/chrome bumper, lights & tailgate, no rust 7' bed, $200 301 692-6995

Luckrow rear mounted snow blower 3 pt hitch w/ attachment for hyd shoot, used tractor tires 18 4x28 Dauphin Co 717-566-0731

AQHA weanlings $150 to $300 2 yearlings, 2 3 yr old geldings, 1 daughter of Joe Cody other Broodmares, Lanc Co 717-653-5327

JD A elec start, lights, hyd excel cond , one bad tire cultivators, included $1450 Chester Co 215-495-6170

1 gas stove electronic start 30" $75, 1 gas stove 30" $35 Bucks Co 215-249-9117

6 H P Olds hit miss engine, Wilson grain cracker York Pa hand stalk cutter excel lettering Northampton Co 215 759 7190

Border collie pups 6 wks old John A Fisher, Otterbein Church Rd , Newburg, Pa 17240 Franklin Co ,

Rams suffolk purebred, suffolk eligible to be reg & Finn Dorset Dell Oxley 891 Pheasant Rd , Harrisburg, Pa 17112 717 545 5181

GSI grain storage bin, 180 bu , excellent Gravity bin, 165 bu , on running gear, L N , pea fowl Bucks Co 215-536-6076

1986 Mobile home 14x70, 3 BR, 2 B, partly furnished, must be moved, asking $15,500, please call 717 872-1632 for more information

20,000 gal steel tank, water or manure storage Also 8'x32' & 5'x24' culvert pipes Lanc Co 717-354-5691

14'x11' fiberglass overhead door, complete w/ track Chester Co 215 593 6097

Sauder loader good cond York Co 717 755-3659

100 bu storage bin, 14' stake truck bed 12' harrow 3 pt 10 Dunham multimulcher Wanted McCormick 2 row 3 pt corn planter Schuyl Co 717-345-8815

1978 Toyota Celica good inspect , runs good $800 or best offer 717-665-7917 or 1-800 468 5524

Snow plow, Meyer 7' for light truck, lift & mounts included, good cond , $700 Hobert Johnson, Chester Co 717-529-2384

16 holstein steers, 220 lbs 20 holstein steers 500 lbs AC D19 gas tractor York Co 717-432-3869

500 bushel oats $3 10 a bushel delivered, 100 mile radius of Union Co , No Sunday calls, 717-922-1135

Ertl banks, complete Canadian provincial series 11 bauks, new boxed $140 pp Schilling 31 Hendricks St , Ambler, Pa 19002 Montgo Co 215-643-6577

Pure French alpine proven buck $250 2 Ch legs CL+84, daughters are gallon + milkers, CAE negative, excel pedigree Berks Co 717-865 4024

Good quality timothy hay also good quality wheat straw hay & straw no rain, no Sunday Lanc Co 717-548-3196

Loader for JD A B Int H M $150, David Bradley horse sickle mower $200 Carroll Co Md 301-848-1913

Handspun wool yarn, 2 ply Montg Co 215-327-8308

1972 Chrysler 400 eng state inspected 4 dr Newport $400 Bucks Co 215-343-0342, Alex

Free lab puppies just in time for Christmas Manheim, Lanc Co 717-664-2184

8N belt pulley $100, rebuilt 4440 eng , 4500 rebuilt 4-53N Detroit $3000, rebuilt F-125 4-16" w/ harrow attachment, eves 717-266-5558

6' snow blower 3 pt hitch $400, 6' 3 blade rotary finish mower, 3 pt hitch or best offer Northampton Co 215-588-7545

AKC Boxer pups born Nov 18, pickup Friday before Christmas or later Elam Stoltzfus, 10 Tanyard Rd , Conestoga, Pa Lanc Co

1981 Chevy pickup ½ ton stepside short bed, 6 cyl custom deluxe cab in good shape, $2400/offer Chester Co 215-935-3657

Large used spotlights 120 volt outdoor type, $65 ea York Co eves 717-235-1912

Cinder spreader box, fits large SA dump, own engine, controls to cab $1200, also 5th wheel stock trailer, $1200 Bucks Co 215-294-9548

Used IH 345 shortblock $50, 2 spd Rockwell rear 6 65/9 13 air shift, brakes 20" dayton North'ampton Co 215-759-8043

Apartment sized Sears kenmore washer/dryer, mint cond , $500 Schuyl Co 717-467-3540

Beautiful Welsh Mi riding pony black & white 8 yrs old mare 12 hands Carroll Co 1-301-848-0926

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Tractor MH 44, WF, live hydraulic A1 cond , $1200, new 16' tandem axle trailer w/ brakes ramps $1350 717-784-1779, Col Co

7 yr old AQHA buckskin mare out of Maxie Jack goes well western & trails Schuyl Co. 717-875-3358, $800

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4 cyl Deutz or cooled diesel less than 100 hrs complete w/clutch etc excel cond $3700 Lanc Co Moses B Glick, 326 Radcliffe Rd , Willow Street, Pa 17584

87 Escort GL power steering & brake, AM FM stereo, 4 spd 4000 miles, Brickerville Auto Sales 1-626-1808

First cutting timothy/alfalfa $90/ton, second & third cutting alfalfa $100/ton Perry Co 717-789-4496

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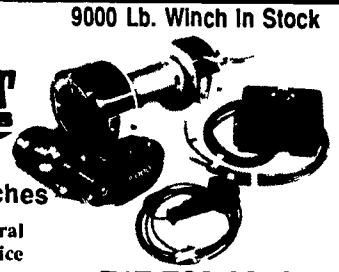

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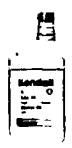

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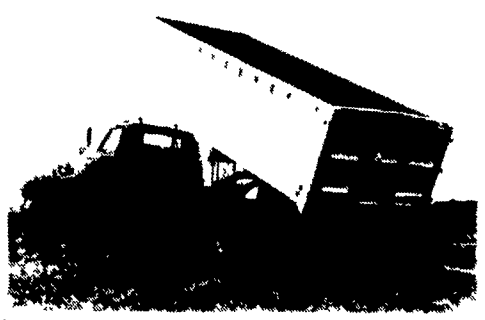

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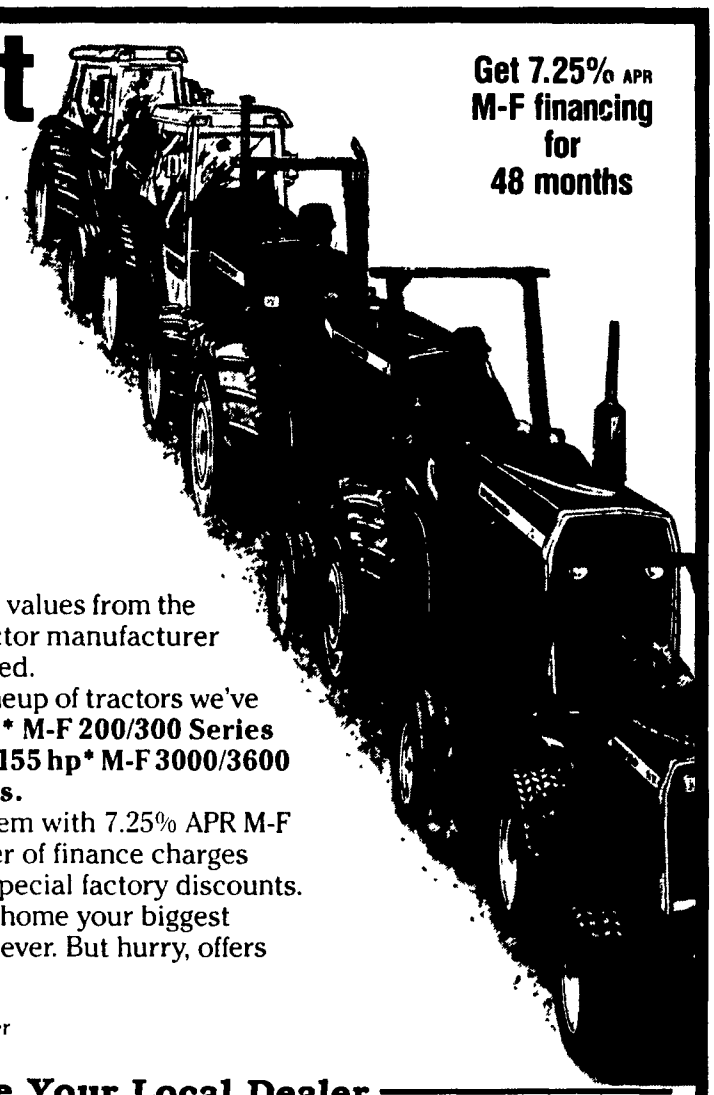

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NH 353 grinder mixer very good , $2200 John R Peachey, HCR61, Box 37A Belleville, Pa 17004, Mifflin Co

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AKC Golden Retriever male 11 mths. old, $125 Benuel M Fisher, 722A Peters Rd , New Holland, Pa 17557

Heat houser for most medium sized farm tractors $12. Lanc. Co 717-627-2499.

Inter parts 1968 ¾ ton 6 cyl eng trans., diff , more $85 all, few 71 & 75 parts Dau Co 717-545-2086 eves

1969 Int 1600 dump excel cond , $3000, 1971 Dodge dump very good $2500, 350 Case all angle dozer, $8500 Wyo Co 717-945-7759

Mobile home 12x70, 18' travel trailer, 1/3A lot at Lake Wynonah, 3 beagles, good hunters R E Heft 215 445-5496

Boggs potato graber w/ picking table gear reducer & motor like new $65 extra chains, no Sunday calls Schuyl Co 717-943-2331

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Horse quality hay 2nd cutting alfalfa $3 00 bale at farm Berks Co 717-933-5334 or 717-933 5349

Team black moly mules 10+11 yrs , 15-1 hands well matched wagon trained hay rides used in farm machinery Perry Co 717-582-4953 eves

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One young holstein bull lots of pep, $600 Amos S Zook, Delta #2, Pa 17314, Box 157

Rye straw 400 bales $1 30 per bale, second cutting alfalfa 250 bales $1 50 per bale Bedford Co 814-847-2281

Christmas trees, douglas fir, large Austria pine only $10 , Scout 4 cyl engine $50, scout parts Col Co 717-672-2638

Old corn at barn $115, straw $90, hay $110, NH super 77 baler w/4 cyl Wisc $300 Lanc Co 717-529-6239

Bobwhite quail for sale Daniel G Miller, 2703 Creek Hill Rd , Leola, Pa 17540, Lanc Co

AKC Golden Retriever's 7 wks old $200 ea Also snow plow hitch w/cyl & hyd pump Lanc Co 717-733-3438

Hereford cow due in March $850 also Hereford crossed short horn bull breeding age $700, both polled, 717-867-1959

Bearcat grinder mixer very good $1750, JD 40 combine fair $700, Volvo 1225 for parts, $50 York Co 717-252-1879

1972 Ford Mustang conv 302 auto 90,000 mi $6500 York Co 717-927-6352

Ford 3000 tractor w/sauder loader nice cond , $4200, 61 Dodge 400 parts truck, 73 Dodge 600 parts truck 717-653-9580

Inter industrial 6 cyl motor on the skid w/Rockford power takeoff, runs like new, $500 or best cash offer 609-629-6596 Williamstown

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Int B-275D, solid tractor, 80% rubber, new bat new paint, PTO, 3 pth $2500, also Dodge dump truck Mifflin Co 717-899-6749

100 10' sections slip board fencing, pressure treated, $14 per section Chester Co 215-869-0289

For Sale sow mandle 2 blades $35, 50' 6" endless belt $25 Dau Co 717-367-2071

1978 ¾ T GMC 4x4 good eng , tires, trans stainless hog feeders, bulk bins auger feeder, rabbit cages Manheim, 717-665-5728

Reg Grey Percheron philly 2 yrs old been hooked twice, $1200 Lansing, New York, 607-533-7243

Athey belt loader $400, 12 ton Buffalo roller diesel $2000, 318 Cat eng parts 3-71 Det eng Williams Auger 60 ton shop press, Cecil Co 301-378-2785

JD 3010 w/loader, long diesel 55 HP 1300 hrs , Ford 8N alfalfa hay $1-2 50/bale, 1980 Ford Mustang, 4 cyl 4 sp Carroll Co 301-635-2481

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Antique brass double bed in excel cond , asking $350 or best offer Berks Co 717-933-8862

Grass hay approx 800 large bales, nice hay for beef, young stock, or horses, $1 00 per bale Bedford Co 814-635-2254

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5 pair Swinhoe pheasants $45 per pair, 3 extra cocks, $20 ea Also 56 lbs mohair, $250 Leb Co 717-866-2853

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Litter carrier tracks, buckets, switchs, 3 carriers, tracks, everything, handhewn lumber Earl Hoover, R#3, Ephrata, Box 39, Hinkletown Light, 3rd Farm Right

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Timothy hay $90 ton delivery can be arranged Berks Co 215-689-9266

Big healthy draft colts 7 mths Belgian Red Roan, 6 mth black percheron, both registerable Chester Co 215-486-6800 anytime

Chow chow pups AKC Reg ready for x mas males $300, females $400 Call after 6 p m or leave mes sage 717-593 6440 or 717-593-2895

6 Reg Jersey bred heifers 2 due Dec , 4 due March, sired by and bred to top Al sires Chemung Co , NJ, 607-733-6106

Inter grinder mixer #1150 hammers never turned $2600 or best offer Lehigh Co 215 756 6541

One standardbred horse big strong 11 yrs old, good driver $1000, also market wagon needs repair $500 Jacob K Stoltzfus, Bartville 17509

JD 350 radiator, shop manual, tobacco stripping, room stove, 717 626-4669

9 HP Aenl Wisc engine w/ clutch, reduction very good cond $595, Beiler eng service 280 Pennsy Rd New Providence Pa 17560

Punch press 5 ton ft operated 22 ga Pittsburg machine York Co 717 792 9282

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2 Ferguson's 35 tractors Ferguson 40 tractor 460 Farmall tractor Farmall Cub spreader Juniata Co 717-694 3360

MG parts wheels hood deck lid axles etc Lanc Co 215 267 3276

75 TR7 very nice cond black, sun roof also 76 TR7 parts car $1800 for both or best offer Lehigh Co 215 967 1012

Barn beam loom 6 x6' counter balanced overhead beater, bamboo reed No #10, 43" wide, early 1700's, asking $995 Lanc Co 215 484-4136

9' TV antennae w/20 pole good cond Berks Co 215-678-2994

Polled Hereford & X bred heifers, suitable for breeding or feeding 300# 500# average market price Northampton Co 215 837-8848

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New 9 00x20 10 ply tires, 3000 gal refrigerated tank, 8000 gal SS tank, Cyclone rotary tractor spreader Lanc Co 717-367-5822 eves

109 acre W Va farm, excellent hunting- Ritchie Co , $48,000 Some owner financing possible Cecil Co , Md 1-301-658-4213

236 Perkins dsl power unit w/clutch, rad & safety shutdown system, guaranteed, $2500, Dec only Samuel B Stauffer, PO Box 107, Loveville, MD 20656

285 Massey wet brakes, dual remotes multi 540-1000, 2,000 hrs , orig owner, new 1978, $7900 Bedford Co 814-766-3591

5 Maltese breeders for sale $300 each, 4 yrs old good breeders Lanc Co 717-442-8013

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1st, 2nd cutting timothy clover hay, wheat straw North d Co 717-742 7008

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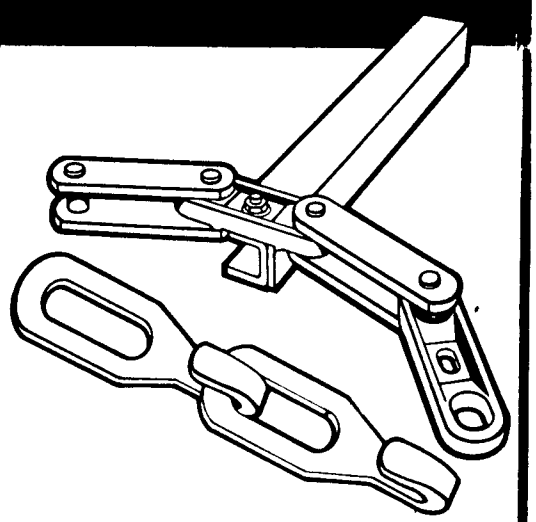

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Rottweiler female puppy, 7 months, beautiful, lovable, protective, all shots worm ings very large, "pick of litter, $225 Lebanon Co 717 469 7658

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Cow halter $9, cow tie straps 1½ x45 $5 50 riding bridles $20 Danner's, Box 09 Smithville WV 26178

NI 7 1 row corn picker, $500, IH 550 forage harvester, $500, 300 gal field sprayer, $650, 30' cordwood saw 10HP, $650 North'd Co 717 286-5306

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79-150 Ford 4x4 29,000 mi 85 Ford Ranger 4x4, excellent cond, orig owner 88 Case 245 dsl Mon Co 201-946 3049

One only- 25'x40' A1 steel building, never set up due to change plans, $2950 F O B Lanc Co Straight Sidewall No Sunday calls- 717-354 9357

Rear tractor steel wheels 50" high, $375, fertilizer injector for trickle irrigation $95 or best offers Lanc Co 717-354-9985

9 steers, 5 heifers- approx wt 300-400 lbs Also good quality horse hay, bale or ton 717 345-4489 after 6PM

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Pheasant trios Ringneck $20, Melanistic Mute $25 All mature Nanday Cure w/ cage $50, 3 yrs old Berks Co 215 683 8426

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NI Horn "50" loader w/ angle snowblade $300 Head gaskets for 162 Continental engine $10 ea York Co 717-235 6733

MF 3PT wheel rake, field ready, $250 JD 290 corn planter, good cond, $195 York Co 717-235-2032

NH mover & NI crimper w/ Smucker rolls & dsl Pequea tedder 400 gal storage tank Lanc Co 717-768-3520

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5 yr carriage horse, 6 week collie pups Martin reiff, RD1, Box 511, Narvon, PA 17555

International kerosene cook stoves, one burner fiberglass wick Willis S Martin, RD#4 Box 501, E Farmersville Rd, Ephrata, PA 17522

9 yr standardbred trotter, real big, lots snap, 7 yr pony rides drives reg Holstein heifer calves Lanc Co 717-354-9340

Super "M" Farmall w/ mounted NI corn picker $1500 York Co 717 432 3238

64 half wood trusses 42' or 32 full trusses 34' 2 yrs old Convear 24 6 long 16 belt like new 717 354 0316

Paradise Shelducks, Indian Red Jungle Fowl, Ringneck Doves, Black Shoulder & Blue Peafowl Wanted 4 horned female sheep Lanc Co 717 733 2425

Farmall 100 w/loader $2100 Farmall 300 w/2PT hyd $1200 David Brown tractor Model 3800 for parts Farmall SAV w/cults sidedresser $250 Bucks Co 215 598 7546

NH 467 haybine 7 $1375 NH rake rubber teeth $775 IH #16 rake rubber teeth $695 Sauders snow plow spring trip $475, NI narrow picker $2975 717-354 0266

Registered Jersey heifer, born 3-3 88 Sire Top Brass, excellent 4 H project Blue ribbon winner Lanc Co 717 733 6997

7½ ft freezer, sliding glass top, 4 compartments Units needs repair, $50 Also 3 dr stainless steel cooler Lanc Co 717-355 2656

4 Delaval bucket milkers 55 lb pails elec pulsation very good, make offer Omar S Kauffman, RR2, Honey Brook, PA 19344 Chester Co

IH 2400 w/loader, 40HP, 3PT, PTO, $4700, Case 580B backhoe, low hrs, $9500, excellent cond Cumberland Co 717-697-0078

2800 gal tank ⅛" thick great for vacuum or water supply don't leak Jacob S Fisher, PO Box 26, Bart PA 17503

Heavy duty utility barn 12x30 in good cond, can deliver Lanc Co No Sunday calls 717 442-8317

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Wood burning kitchen range, good cond, chrome trim, has outlets for hot water, $180 Salem Co, NJ 609-935 1863

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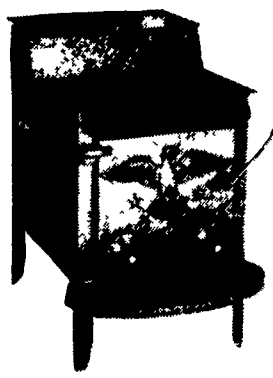

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80 Chevette 2 dr hatchback, good cond, but has weak clutch, no rust Lanc Co No Sunday calls- 717-627-4252 after 6PM

1755 Oliver 6 cyl dsl 80 HP, 2328 hrs, runs good, $6400 Lanc Co 717-665-5195

Massey Harris #15 manure spreader ground driven, good cond, $475 Lanc Co 717-367-7271

Heavy duty field type tractor chains for 14 9x26 or similar tire size Chains measure 112"x22" Leb Co. 215-589-2169

16 Gage metal pans 18"x34" 4" deep, $1 ea Lanc Co 717-626-5751

40 male & female goats Some w/kids at side Available as a group or individually Lanc. Co 717-354-5640 eves

Portable Farm-Master tumble mixer, used 1 year Harvestore Hercules silo unloader w/grain kit $450 IH TD14 crawler w/PTO in running cond 717-386-5696

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4 Charleau Cross steers, 400-500 lbs @ 85¢ per lb, 2 Purebred (no papers) longhorn bulls, approx 500 lbs $500 ea Bucks Co 215-257-2377

Purebred Jersey cow w/ papers, to freshen in Dec, $550 Radial tires 18-38 50% Lanc Co 215-445-6026

Hershey motor Stoker hot water coal furnace Model #500, complete, $150 Leb Co 717-933-8070

Horse manure spreader in good cond on rubber, $250 Lanc Co 717-665-4621 mornings 9-12

Used hot water boiler oil burner controls pipe circulating pump oil tank 275 gal some oil, $250 Isaac A Kirk Sr, 906 Rosemere Ave, Silver Spring, MD 20904

MAILBOX MARKET WANTED

Unit for wooden conveyor with or without conveyor, also tractor cab w/air for IH 1066 or 656 Richard Troutman, RR 1, Box 77, Richland, Pa 17087

Sound dark colored horse broke to ride or driver For sale 1st cutting alfalfa mixed hay, nights, Columbia Co 717-925-2597

Small keystoker or parts Walter Haertsch, Strack Drive, Myerstown, Pa 17067

22' Brillion cultipacker w/ hydraulic wing lift Clinton Rohrer, 752 Doe Run Rd, Lititz, Pa 17543 Lanc Co

Dump box & hoist for 1978, 10,000 lb GVW, Chev dual wheel truck, chassis Lanc Co 717-354 4194 7-5 p m

50+ acre farm in the Oakland Mills to Richfield area in Juniata Co Lanc Co 717-665-7765

Miniature Jennet Donkey must be under 35", any age, to excellent home on farm w/other donkeys Call Collect, 301-875-0118

Carberator for JD 50 tractor Donald Witmer, RR 1, Box 209, Washington Boro, Pa 17582

Ford transmission selecto speed or gear type will consider whole tractor Harold Smith, Box 83, Jeffersonville, N Y 12748 914-482-4330

Border collie puppy 6 8 wks old Write Eli S Ebersol, 235 S Jackson St Strasburg Pa 17579

1964 F600 Ford w/good fenders, cab etc complete or parts Write condition price H Snyder, RD#1 Box 201, Germansville, Pa 18053 Lehigh Co

Dearborn 3 p h 2 btm plow, nice small disc Chester Co 215 932 2426 after 7 p m

Any copies of "Country Living" magazines from 1983 and before from way back if you have them Montgo Co 1 215-368-1021

Sharples hand crank cream seperator, Sharples advertising, Sharples engine Sharples milker Bucks Co 215-257-5216 Collect

Steel wheels for cyclone, JD B Case iron wheels does not have to be open center can be smooth Lanc Co 717-354 9939

Sheep blocking stand in good cond York Co 717-432 4822

Watch FOBS adv machinery or products also matchsafes, ashtrays paperweights adv machinery John Cline 609 Northeast, Carlisle Pa 17013

Wanted someone to coat barn roof w/silver roof coating, barn located in Douglassville, Pa Berks Co 1-215-385-3187 after dark

Wanted 30 40 head of grade beef brood cows with or without calves before 1 of year Balto Co Md 1-301-329 6288

12 volt sputnick compressors Will pick up Emanuel Zook 5215 Peters Rd, Kinzers, PA 17535 717-354-4346

Used MF 346 short frame loader w/72" bucket Also 8' or 10 Howard Rotarator in good cond Cambria Co 814-736-4553

Old clocks of any size or cond Rewards for information leading to purchases Dover, Del Will travel 302-492 8023

Ford Ranger shortbed pick up w/good body driveline unimportant Also 12 or 14 Busterbar Col Co 717 799 5425 eves

Eng block for IHC 454 464 or will take tractor for parts need drawbar mounting Lanc Co 717 354 7671

Building lot in Manheim Lititz Ephrata area Prefer wooded lot Call eves 717 665 2821

Rear mounted blade for 544 2 pt Berks Co 215 488-1344 after 5 p m

Back issues to the magazine, "Pennsylvania Folk life," prefer to buy large quantity of back issues Adams Co 717 334 0249

Looking for snow plow mounting frame for Chevy or Ford pickup Lanc Co 717 653 5344

Split rail fence 3 rain good cond reasonable leave message Bucks Co Concrete 215 968-2649

Good JD 2 row 3 pt corn planter w/fert Write 95 Gallaher Rd, Elkton, Md 21921

Steel wheels to fit JD 530 Lanc Co 717 738-3036

Steel wheels suitable for 1130 MF, also flat top fenders for 235 MF Will take old or new type Lanc Co 717 354 2281

Canvas windbreaker or heat houser to fit JD 60 or 620 in good cond Fayette Co 412 438 4836 after 5 00

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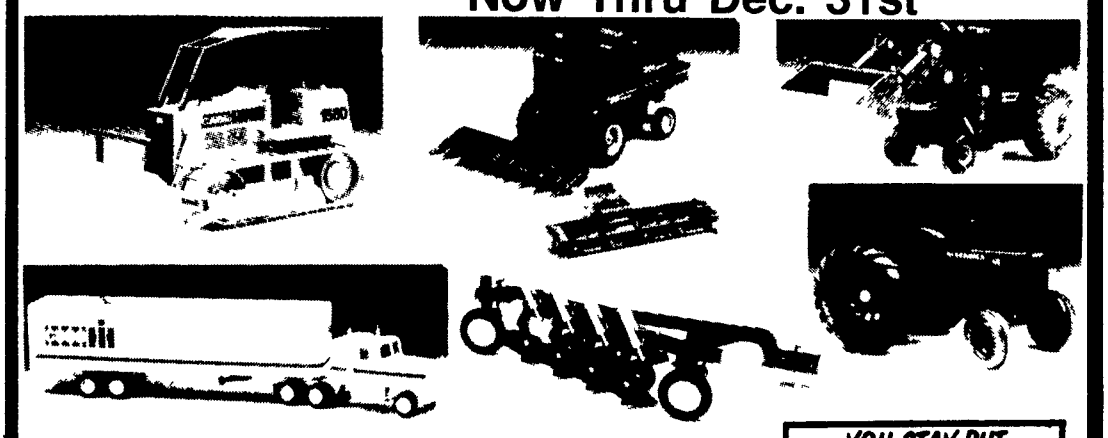

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Sale Reports

NEWSWENGER SALE

A Public Sale of real estate was held December 10 by Phares M. Newswenger and Martha O. Newswenger along Kleinfeltersville Road in the village of Millbach, Pa. in Millcreek Twp., Lebanon County.

The 2½ story brick house and 2 car garage on a lot with 130 foot frontage was sold for $58,100.

Paul E. Martin and John D Stauffer were the auctioneers

FREY ESTATE SALE

A Public Sale of real estate was held December 9 for the Mary L Frey Estate, 311 S Royal St, off Eastern Blvd, East York, Pa

The house on a lot was sold for $65,500

Blaine N. Rentzel and Nevin Rentzel were the auctioneers.

MAILBOX MARKET AD FORM

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Check One:
For Sale____ Notice____ Wanted____

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5	6	7	8
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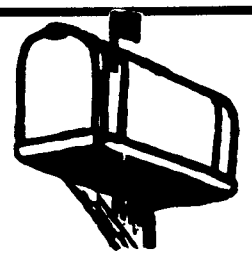
17	18	19	20



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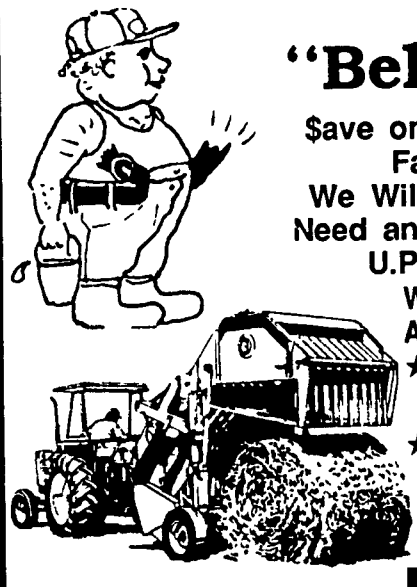

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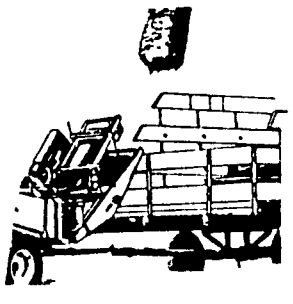

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Sale Reports

HALL SALE

Hall-Lee Holsteins Complete Dispersal was held December 6 by Gerald R. Hall, Route 2, Millbrook, New York at Fultonway Farm, Willow Street, Pa.

The average price of the 51 cows sold was $1139. The top price was paid for a Bell daughter $5500. The 2nd and 3rd high prices for the registered Holsteins were $2700 and $2400.

Backus Associates, Inc. managed the sale.

ROYER ESTATE

A Public Sale of a 27.9 acre farm located off School Lane near Brownstown, Lancaster Co., Pa. was sold for $586,000 to J. Scott Martin, Pine Hill Road, Lititz, Pa. This farm in West Earl Township brought more than $21,000 per acre.

The property contains a house, barn and chicken house and was sold for the Florence Royer estate. The land on the farm is zoned R-1, suitable for residential development. The average 1987 price for farmland in eastern part of Lancaster County was $5328 per acre.

Other prices received were: child's portrait in frame $1000, decorated Windsor chair $1100, Ford tractor $2450, cheese mold $340, 2 arch-backed Windsor chairs $550 and $450, sampler $425, fraktur taufschein $750, drawer seed cabinet $390, Alexander Smith rug $310, student lamp $160, red and green coverlet $360, wood turning ice pick $330, 2 wall candle holders $460, barbershop cabinet $140, food scraper $165, cow and calf figure $220, Daisy BB gun $135 and jewelry box $190, also atlas of Lancaster County $350.

Auctioneers were T. Glenn, Timothy G. and Thomas A. Horst.

WOOD ESTATE SALE

A Public Auction of Oriental rugs and antiques was held December 10 for the estate of Gretchen Wood at Rudnick's Sales, Route 213, Galena, Maryland. The sale was very well attended and it was an exciting all day sale of 1000 items.

Some of the prices included: large banquet table $3100, antique gilt painted cabinet $900, metal music stand $1150, Spanish antique hall bench $900, antique double drop leaf table $925, antique travel desk w/stand $1400, 6 Queen Anne diningroom chairs $3600, antique side board $2500, diningroom trestle table $2500, large sterling bowl $900, black lacquered Oriental-style breakfront $1700.

And the following Oriental rugs: 12x9 ft. Sarouk $1500, 13x9'8" Herriz $4600, 17'6"x11'8" Sarouk $3650 and 11x10 ft. Serapa $14,200.

Harry Rudnick and Sons, Inc. managed the sale.

REIFF SALE

A Public Sale of a 17 acres farmette was held December 10 by Harry M. and Lizzie W. Reiff in the village of Farmersville, West Earl Twp., Lancaster Co., Pa.

The 17 acres with a frame house, frame bank barn, chicken house, 4-car garage and workshop with fireplace was sold for $171,000 to Horst Brothers Builders, 128 E. Grant St.

Robert E. and Jeffrey R. Martin were the auctioneers.

MD. ANTIQUE SALE

A Public Auction of antiques and collectibles was held December 10 at the Auction Barn in American Corner, Maryland on Highway Rt. 621 between Denton and Federalsburg, Md.

Some prices received were: marble top stand $250, oak drop front desk $325, roll top desk $200, deacon's bench $200, cherry bowfront china closet $2100, marble top buffet w/mirror $800, pine stepback cupboard $1200, oak cupboard $450, oak roll top desk $775, Dolton figurine $975, oak hall rack $300, Roseville vase $155, Roseville pink pitcher $150, 3 pc. red agateware set $300, blue agate kettle $175 and Roseville teapot, creamer & sugar set $250.

A. Curtis Andrew and Mike Roe were the auctioneers.

OLESH SALE

A Public Auction of Holstein cows and farm machinery was held December 8 by Henry and Carrie Olesh, north of Myerstown on Route 645 in Berks County, Pa.

The 38 head of grade Holstein cows with no production records averaged $514 including the unbred heifers. The top cow sold for $875.

Other items sold were: 15 KW generator $575, breeding chart $110, 3 milkers $105 each, hay rake $420, Farmall Super C tractor $1250, wagons $200, $310 & $575, cultivator mulcher $560, I.H. 656 tractor w/loader $5000, I.H. 560 tractor $1900, Farmall M tractor $925, grain drill $750, J.D. baler $1500, Taylor disc $1200, N.I. spreader $1400 and post hole digger $230.

Sanford G. Leaman was the auctioneer.

FISHER ESTATE SALE

A Public Auction of real estate, household goods, farm equipment and horse collar manufacturing equipment was held December 9 for the Omar S. Fisher Estate, 5 miles south of Strasburg in the village of Georgetown, Lancaster Co., Pa.

The 26 acre farmette with a 2½ story house, block building and wagon shed was sold for $282,000 to Joel Glick, R.D., Quarryville, Pa.

Other prices included: horses $650 & $450, carriage $1000, straw chopper $1825, spring wagon $750, buckboard $600, new collars $60 & $67, roll of ticking $200, blocking machine $700, collar lacing machine $1900, diesel motor $500, gas refrigerator $590, sideboard $270, 5 pcs. Carnival set $130, iron kettle $170, furnace tripod $250 and Maytag washer $200.

The 10 pieces of horse collar manufacturing equipment were sold for $35,000.

Steve Petersheim and Steve Petersheim, Jr. were the auctioneers.

WARFEL SALE

A Public Auction of farm toys and promotional cars was held December 10 by Rick and Judy Warfel, 2912 Willow Street Pike, Lancaster Co., Pa.

Some prices of farm toys were: J.D. 1010 Industrial tractor $250, J.D. 60 tractors $110 & $200, J.D. double plow $115, J.D. 3020 tractor $180, J.D. baler w/metal teeth $115, J.D. grain drill $80, J.D. wagon $50, J.D. 630 w/3 pt. hookup $260, Farmall 560 tractor $140, N.I. Manure spreader $120, N.I. sickle bar mower $65, promotional cars $21 to $170, Winross trucks $45 to $115, train transformer $170, Dietz lantern $140, 1933 Safe Harbor Dam picture $47.50, PPR ice tongs $37.50 and Hamilton PS watch $45.

Roy C. Probst and Eric R. Probst were the auctioneers.

BLAISURE SALE

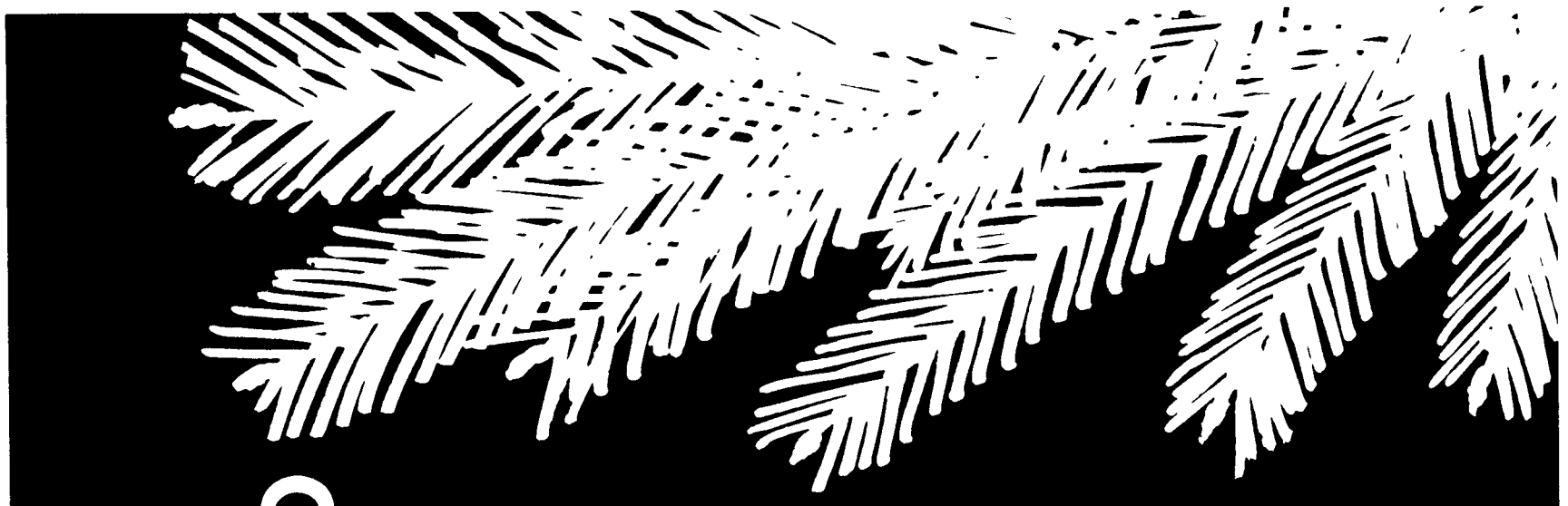
A Public Sale of 2 farms and modern farm machinery was held December 9 by United States Bankruptcy Court for Charles D. Blaisure, Debtor, 2 miles west of Meshoppen on U.S. Rt. 6 in Wyoming County.

The former Fassett farm of 251 acres was sold for $1010 per acre and included a large barn with cow stalls, 100 heifer stalls, 6 stall milk parlor, silos and barn cleaner. Two modern houses (one reserved for Mr. Fassett lifetime use).

The 413 acre farm formerly Dietrich farm was sold for $790 per acre and consisted of a barn with 70 cow stalls, barn cleaners and trailer hook-up available.

Other items sold were: Fox silage apron $3400, J.D. 7000 corn planter $4100, Miller disc $2650, Med-cam stone pickers $1650 & $1500, Richardson dump wagon $4550, J.D. 2020 tractor $2750, J.D. 146 loader $2200, Gehl 170 mixer wagon $525, Ford 700 tractor $2800, Calumet manure wagon $750, J.D. 5400 self-prop. chopper $15,000, J.D. 660 combine w/2 heads $13,500, backhoe $1700, Taylorway plows $1000, N.H. skidster loader $4850, Int. seed drill $1950, J.D. 4440 tractor $21,500, J.D. 4430 tractor $9400 and Ford F750 truck $4100.

Marton L. Bunnell and Wayne Weaver were the auctioneers.



Once again... the season reminds us to wish our customers, friends and associates continued happiness and prosperity for the coming year. The new year invites us to renew our energies and invites us to reflect on the learning that comes from mistakes and the achievements of this past year.

We take pride in our efforts to continue bringing you the special products, special service and hard working people that make up Hesston Corporation. We continue to remind ourselves that there is much to be done, much to be improved, and much more research for better products for our customers.

At this special time of the year, we stop, reflect and give thanks to each of you for your continued support and extend special greetings for the best Holiday Season during 1988.

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Sale Reports

HOLLERBUSH SALE

A Public Auction of farm equipment was held December 10 by Larry and Donna Hollerbush, 385 Andersontown Road, Dover, Pa.

Some prices included: Ford 4610 SU diesel tractor $10,300, Woods 0121 mower $2300, FMC Bean sprayer $3800, flat wagon $235, irrigation pump w/Wisconsin motor $520, J.D. KBA disc $150, 1976 Ford van (over 100,000 miles) $1000, and bushel apple crates averaged $1.25 each.

Blaine N. Rentzel was the auctioneer.

WARNER ESTATE SALE

A Public Auction of real estate was held December 9 for the estate of Helen M. Warner, R.D.2, Red Lion, Pa. in York County.

The #1 tract of 52 acres with a large frame house, 2-car garage and macadam driveway was sold for $229,000.

The #2 tract of 12 acres with road frontage on Kendale and Windsor Roads and a large frame barn and corn barn was sold for $57,000.

The #3 tract of 10.5 acres with good road frontage along Windsor Road was sold for $73,000.

Jacob A. Gilbert and Blaine Rentzel were the auctioneers.

WITMER SALE

Royal-Dream Holsteins Complete Dispersal was held December 10 by D. Lamar Witmer, R.D. 4, Manheim, Pa. on the Lancaster/-Lebanon County line. The tent was overflowing with people.

The average of the 38 cows was $1275 and with the baby calves the average was $1212.

The top price of $3600 was paid for a Bell calf with 5 generations of good and excellent background. A Walkway Chief Mark daughter bred heifer with 4 generations of good and excellent background was sold for $2350. The third high price of $2200 was paid for a Walkway Chief Mark daughter cow.

Backus Associates, Inc. handled the sale.

SHULTZ SALE

A Public Auction of real estate was held December 6 by Anna Mae Shultz, 10 miles west of Quarryville on Red Hill Road in Lancaster Co., Pa.

The 118 acre farm with a 2½ story frame dwelling, pole barn & corn shed, 2 story frame shed, and 1½ story frame shed and butcher house was sold for $323,000 to Richard Slaugh of Lancaster. There were 38 tillable acres with the balance in pasture, woodland with a stream and springs.

Robert E. and Jeffrey R. Martin were the auctioneers.

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

DECEMBER

SAT DEC 17 - 9AM Furniture, Antiques, Trains In Hershey off Rt 322 turn S onto Bullfrog Valley Rd (at new traffic light on corner of Lucy Ave , near Hershey Med Center), approx 2 mis to stop sign on left Ziegler Auct Co

SAT DEC 17 - 9 30AM Tractors, Machinery, Tools, Small Buildings, Vehicles, HH Take Rt 97, 3 mis S (Littlestown Pike) of Gettysburg, PA, to White Church Rd and continue 1 5 mis to Patterson Rd By Richard L Patterson & Robert Dayhoff C David Redding, Auct

SAT DEC 17 - 9 30AM Garage Eq & Supplies, Tow Truck, Klinefelter Service Center 1 mi N of Wellsville, PA, along Rt 74 For Scott Klinefelter Blaine & Nevin Rentzel, Aucts

SAT DEC 17 - 10AM Butchering Eq & Supplies Washington Twp , Berks Co , PA From Boyertown take N on Rt 100 go approx 5 mis to Bally, PA, turn onto N Seventh St up hill 1 mi to site Fern & Willis Shupe Nelson C Weidenbaugh, Auct

SAT DEC 17 - 10AM Farm Eq Denton, MD, approx 4 mis N at farm of Fred Billbrough along MD Rt 313 between Denton & Greensboro, MD A Curtis Andrew Auct Co

SAT DEC 17 - 10AM Mail Room Eq , Modern Office Furniture & Computers 7441 Allentown Blvd (Rt 22), 2 mis E of Hbg Drive In, near Carter Lumber Management Solutions Co , Inc Kerry Pae Aucts

SAT DEC 17 - 11AM & 2PM 2 Mobile Home Parks 541 Furnace Hills Pike, Rt 501, Warwick Twp , Lanc Co Then Rt 272 Drumore Twp., Lanc Co Kenneth A Geyer Auct Co

SAT DEC 17 - 11AM Real Estate. Durlach (near Mt Airy) From Ephrata, take Rt 322 W approx 1 mi past Lincoln Mall, turn right on Durlach Rd , follow Durlach Rd approx 2 mis to property on left, Clay Twp , Lanc Co , PA By Aaron K & Susan W Martin Paul E Martin & John D Stauffer, Aucts

SAT DEC 17 - 11AM Cars, Tractors, Trucks, Implements, Irrigation Eq , Combine Rt 50 & White Richardson Rd , Willards, MD 14 mis E of Salisbury, MD Pete Richardson Auct Serv

SAT DEC 17 - 2PM Real Estate, Historical 15 Acre Farmette w/Stone House Built 1832 400 Clay Rd , Lititz, PA, Lanc Co By Richard & Gwendolyn Stauffer Paul E Martin & John D Stauffer, Aucts

SUN DEC 18 - 1PM Tools, Shop Items, HH Fernville Fire Hall just off West Main St near Lurgis Pizza in Bloomsburg, PA Younkin's Auct Serv

MON DEC 19 - 11AM Butcher Shop Eq & Supplies Front & Railroad St , Mt Wolf, York Co , PA For Mt Wolf Meat Mkt Blaine & Nevin Rentzel, Aucts

TUES DEC 20 10AM Horse Drawn & Farm Machinery, 6 Head Mules, Milking Eq , Hay, Straw, HH Franklin Co , PA, 2 mis S of Blue Mountain Interchange, along Rt 997 Jonas M & Annie S King, Owners Steve & Steve Jr Petersheim, Aucts

TUES DEC 20 - 3PM General HH Farmersville Auction, 3 mis E of Brownstown, Lanc Co , PA Larry Rutt Auct

FRI DEC 23 — 12 Noon Complete Milking Herd Bred & Open Heifers for Jonathan Stoltzfus at Smoketown Quality Dairy Sales, Rt 340, Smoketown, PA Lanc Co Gordon & Helen Fritz Mgrs

FRI DEC 23 — 1 30PM State Graded Pig Sale at Carlisle Livestock Mkt Inc , Exit 12 off I-81 717-249-4511

MON DEC 26 - 11AM Greenhouses & Eq Former Andes Greenhouse E of Akron, Lanc Co , PA Rt 272 to Akron, turn E onto Main St to Diamond St By Paul M Reiff Jr HORST Aucts

MON DEC 26 6 30 Winross Truck Sale at Harry s Auction 11 Graybill Rd Leola, PA 8 mis E of Lancaster, 1 block S of Rt 23 in village of Bareville

THURS DEC 29 9 30AM Central Market Stands Central Market House N Market St & Wm Henry Place on NW corner of Penn Sq in downtown Lancaster, PA By City of Lancaster, PA Bernard G Grimm Jr Auct

FRI DEC 30 12 Noon Complete Milking Herd Dispersal for Drey Bros at Smoketown Quality Dairy Sales Rt 340 Smoketown PA Lanc Co Managed by Gordon & Helen Fritz

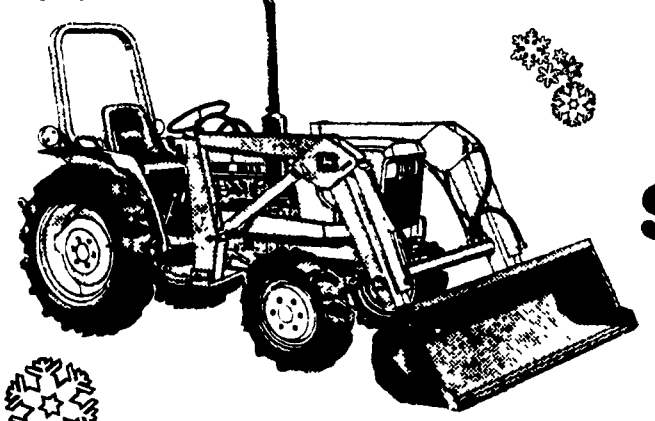
SAT DEC 31 9AM Glassware, China Toys Tools 866 Poplar St (just off Diamond St) Pottstown Montgomery Co PA By Maurice G Hasrten stine Estate HORST Aucts

SAT DEC 31 - 9AM Tractors Farm Machinery Shop Eq HH 1625 Russell Road Lebanon N Annville Twp Lebanon Co PA For Ivan & Anna Weaver Harry H Bachman, Auct

SAT DEC 31 9AM Consignment Sale of Tractors & Eq Vehicles Tools From I 81 S of Martinsburg, WV take Exit #5 (Inwood) WV Rt 51 E approx 3 ½ mis to Shutts Cash Grocery (formerly Haines) turn right 2 of mi to sale Edgar A Bohrer Sale Mgr

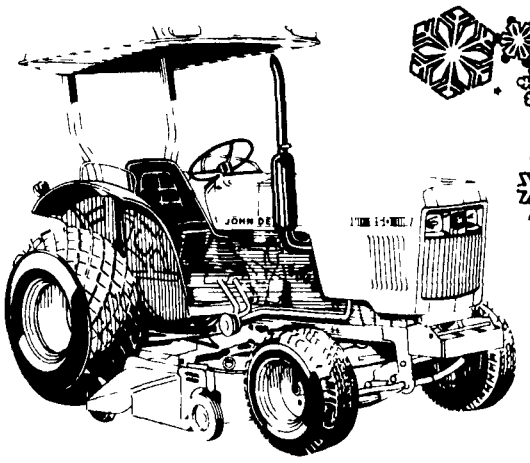
HAY STRAW AND GRAIN SALES
EVERY WEDNESDAY AT
12:00 O'CLOCK NOON
AT GOODS AUCTION,
111 NORTH MAPLE AVE.,
LEOLA, PA.
A.H. 000014-L
Terms: Cash
No Out-Of-State Checks
We Do Order Buying To Established Credit

John Deere Diesel Headquarters Winter Clearance



20 H.P.
J.D. 750 4 WD
AG TIRES
$6,995
Implements Extra
Cash Sale Only!

Limited Stock Available



25 H.P.
J.D. 850 4 WD
TURF TIRES
$8,395
Implements Extra
Cash Sale Only!

Nothing Runs Like a Deere®

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664-4663

ELM, PA

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(To help correctly code your address, please furnish COMPLETE address As an example, include number of the dwelling street name, city and state When appropriate include other specific information such as suite apartment, floor, box number etc If you have an RD please include Box Number)

NAME_____
STREET ADDRESS_____
RD#_____ BOX#_____
CITY_____ STATE_____
ZIP + 4_____-_____ COUNTY_____

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

JANUARY

SAT DEC 31 - 9AM Tractors, Farm Machinery, Trucks, Tillage Eq , Hay Eq , Parts & Machinery, Antiques, Guns Union Co , PA 1¼ mi W of village of New Columbia or 1¾ mi W of Rt 15 H H Mylin, Owner George H Deitrick, Auct

SAT DEC 31 - 9AM Antiques, Collectibles, Furnishings For Mr & Mrs Art Eash 113 Forest Rd , Telford, PA, Franconia Twp Between Cowpath & County Line Rds Sanford Alderfer Auct Co

SAT DEC 31 - 2 30PM Farm Toy Show Sale & Auction at Farm & Home Center of Lancaster, PA Off Rt 72, near Jones Pontiac Close to Park City Shopping Mall Dave Nolt Manager Dale Stoltzfus Auct

MON JAN 2 - 9AM Antique Sale at Harry's Auction, 11 Graybill Rd , Leola, PA 8 mis E of Lancaster, 1 block S of Rt 23 in village of Bareville

MON JAN 2 - 9AM Real Estate, Antiques, HH, Tools, Guns 319 E Mohler Church Rd , Ephrata Twp , Lanc Co , PA By Mrs Wm Bauman HORST Aucts

WED JAN 4 - 2PM 2 71 Acres Zoned C-1 N Main St , Reamstown, Lanc Co , PA 1 mi S of PA turnpike Exit 21, just off Rt 272 By Erwin Z Newswanger HORST Aucts.

FRI JAN 6 - 250-350 Head Special Horse Sale, Work Horses, Driving Horses, Mules At New Holland Sales Stables Inc , 12 mis E of Lancaster, PA, just off Rt 23, New Holland, PA

SAT. JAN 7 - 9 30AM Library & Collections of Late David Musselman Akron Fire Hall, 1229 Main St , Akron, Lancaster Co , PA By Sara B Musselman HORST Aucts

SAT JAN 7 - 10AM Modern Farm Eq , 16x60 Ribstone Silo, etc. Along Christmas Village Rd , Berks Co , PA. Rt. 183 between Strausstown & Reading, ¼ mi S of Bernville turn W off Rt. 183 go toward Robesonia for ½ mi , turn N go toward Womelsdorf for 2 mis to first farm on left past Christmas Village By: Donald & Shirley Davis Dennis F Wagner

SAT. JAN 14 - 10AM Real Estate, Antiques, HH, Car 210 Penryn Road, Penn Twp., Lanc Co , PA Rt 72 to Manheim East onto Doe Rd. to Penryn Rd. John G & Emma Brandt. HORST Aucts

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FARMERSVILLE AUCTION

TUES., DEC. 20, 1988

3:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co , Pa.

General Household Goods Sale.

See Lanc. Newspaper Sat , Dec. 17 for listing

Furniture Sells at 7.00 P M

WE SELL ON COMMISSION

Call JOHN J. RUTT

(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L

Consignments being accepted for our New Year's Day (Jan. 2) Antique Sale.

PUBLIC CONSIGNMENT AUCTION

At Paul Zimmerman's Farm

***Saturday, February 25* at 9:00 A.M.**

Located along Pleasant Valley Rd., West Earl Twp., Lanc. Co. Pa. Take Rt. 222 N. from Lanc. to Rt. 322 exit west to Pleasant Valley Rd. on left to auction on right. From East side of Ephrata take Rt. 322 to Pleasant Valley Rd. on right. WATCH for AUCTION SIGNS.

Consignments Welcome . Farm Equip , Hay, Straw, Grain, Livestock, Shop Equip , Tools, Lumber, Building Materials, Household Items, Furniture, Antiques, Collectibles, Autos and Trucks, With The Exclusion Of Old Electrical Appliances Or Items For More Info Call Reist Auctioneers At 717-569-2079 Or 569-7987 Or Write To Paul Or Ivan R D #2, Box 30A, Pleasant Valley Rd , Ephrata, Pa 17522

BUYERS TERMS: Cash Or Approved Check, Items Sold "As-Is."

Consigners Please Submit A List For Proper Advertising By Jan. 21.

Auction By: Paul Zimmerman and Ivan Martin
Auction Conducted By:
Reist Auctioneers- AU-001637-L
Al & Art Reist- Lanc. Pa. 17601

Reist Auctioneers

AUCTION SALE

SALE BY ORDER OF SECURED PARTY

KRISTOPHER'S RESTAURANT

WEDNESDAY, DECEMBER 28 - 10 A.M.

BUSTLETON & COTTMAN STS., PHILA. PA

MIXERS, KETTLES, REFRIGERATION, DISHWASHER

Hobart 30 Qt Mixer, 60 Gal Groen Gas Kettle, Steam Tables, Fryers, Broilers, Ovens, Toasters, Freezers, 2 Dr Refrigerated Cases, SS Sinks, Butcher Block Table, Heat Lamps, SS Work Tables & Shelves, Range Hood w/Fire System, 6x6 Alum Walk-in Box, 7' Bain Marie, Slicers, Hobart C-64 Dishwasher, Garbage Disposal, Hobart Scale, 12x16 Walk-in Refrigerator, 6' SS Salad Case, Traulsen Dessert Showcase

TABLES, CHAIRS, LIGHTING, BAR EQUIPMENT

13 - 6'x8' Folding tables, 28 - 60" Round Tables, 35 - 36"x36" Pedestal Tables, 5 - 24"x42" Pedestal Tables, 22 Padded Booths, 21 Tiffany Hanging Lamps, Asst Wall Light Fixtures, Folding Partition, Service Bar, U Shaped Bar 24' w/29 Padded Bar Stools, Cash Registers, Glassware, Bar Sinks, Beer Boxes, Stage Lights, Mirror Ball, Track Lights Wall Mirrors, 6 Chandeliers, Dance Floor 20'x12', 200 Padded Dining Chairs, 354 Stack Chairs, Asst of China, Glassware, Silverware, Pots, Pans, Condiment Sets, Etc

INSPECTION DAY OF SALE FROM 8 30 A M
TERMS CASH OR GUARANTEED CHECK - COMPLETE PAYMENT SALE DAY

PA AUCTIONEERS LICENSE NO AU000175L

ESTABLISHED IN 1834

COMLY Auctioneers

WM. F. COMLY & SON, INC.

1825 EAST BOSTON AVENUE
PHILADELPHIA, PENNSYLVANIA 19125
(215) 634-2500

AUCTION

NIAGARA FORD NEW HOLLAND, Inc.

4060 LAKE AVENUE (Rt. 78) LOCKPORT
(716) 434-2000 or 434-6118

Wednesday, December 28th 10:00 AM SHARP!

Year End Inventory Reduction Sale

LUNCH AVAILABLE
TERMS: Cash or Check with Identification

ORDER OF SALE

10:00 am Equipment, 11:00 Combines & Parts Tractors
11:30 Lawn & Garden, 12:00 Farm & Industrial

Financing available with approved credit. All tractors require 25% down payment day of sale. Due to normal course of business up until sale day, there will be some deletions and some additions to this list. Not responsible for accidents day of sale. Trucking Available.

AUCTIONEER

Fred Goodrich & Blaine Rentzel AU761

FARM TRACTORS

(2) Ford 8N
Ford 9N
Ford NAA
Ford 881
Ford 1510 4W
Ford 3000
(2) Ford 3600
Ford 3910
Ford 4100
Ford 4610 Orchard
Ford 2110 Turf
Ford 3400
Ford 6600
AC B
AC WD45
AC 180 w/Cab
MF 35
MF 65
MF 165
MF 230
MF 255
MF 275
IHC Cub w/Woods Mower
AC 7050 w/Cab
Ford 7700
Ford 3600 w/Cab/Loader
Ford 9600 w/Cab
Ford 1800 TL
Bobcat #975
(3) IHC Cub w/Cult
IHC A
IHC 130 w/Cult
IHC 100
IHC 300
IHC 274 w/Cult
IHC 350
IHC 343
IHC 674
IHC 684
IHC 1206
IHC 1066
IHC 1086
JD 60
JD 4030
(New) JD 2355 w/Loader
JD 4230
JD 4020 w/48 Loader
JD 4430 w/Cab
SAME 95 4W
YAMAR 135 4W
Deutz DX160 4W
Case 1290
Case Vac w/Snowplow

SKID STEERS

Gehl 3610
NH L778
JD 125
Bobcat 743

TRACTORS W/LOADERS

Ford 1710 4W
Ford 671
Ford 531
Ford 420
MF 165
Oliver 660
Versatile 160 4W
Hough 4 Wheel Drive
Baker Forklift 3000 Lb
MF 20C
Ford 3500
Ford 3550
Ford 4000
(3) Case 580CK TLB
MF 50A TLB
MF 3165 TLB
(3) Ford 4500 TLB w/Cab
(2) Ford 555 TLB w/Cab & Ext
Case 580D TLB w/Cab
JD 310A TLB w/Cab
Cat 215 Excavator
Case 480E TLB----4 Post
Case 580C w/Cab/Extenda-Hoe
Swinger 4-Wheel Loader w/1/2 Yard Bucket

NEW 3 PT. HITCH TOOLS

Discs
Blades
Spreaders
Rakes
Box Scrapers
Ditchers
Forks

DOZERS & CRAWLER LOADERS

JD 350 w/HOPS
(2) JD 550's w/Six Way
Case 350 w/Six Way
Case 450 w/Six Way
IHC 500C w/Six Way
IHC T6 w/PTO No Blade
IHC TD8E w/Six Way
AC D21 w/Straight & Tilt
IHC 500 Crawler Loader
JD 350 Crawler Loader
MF 200B w/Six Way
Oliver Dozer

NH 250 Rake
AC 904 Haybine
NH 469
NH 488
NH 495
Hesston 600 SP Windrower
NH 1469 SP
NH 273 Baler
MF 124 w/Thrower
JD 336 w/Hyd Kicker
NH 132 Hay Elevator
MF Hayrake
Kuhn 300 Discbine

Gehl Feed Wagon
Gehl 960 Forage Box & JM Gear
NH 30 Blower
NH 717 Windrow Pickup
New Idea Two Row 325 Corn Picker
NH 975 Combine w/Grain Head
IHC 715 Combine w/4 Row Corn Head w/13 Ft. Grain Head
NH TR70 Diesel Hydro Combine w/8 Row Corn Head & 15 Ft Grain Head

LAWN & GARDEN

15 To Choose From
Ford LT100, LT110
LGT125, LGT100, YT16
LGT165
IHC 80
IHC 182
IHC 122
JD 112
Case LGT444 & Blower

MISCELLANEOUS

Woods 306 Finishing M
Ford Flail Mowers
Mott Flail Mower
Shaffer Post Driver
MF 236 Loader
Davies Loader
Ford 703 Loader
6 Ft Bushhog Cutter
7 Ft Bushhog Cutter
Pallet Forks
Front MTG Forklift
JD 494 4 Row Planter
IHC 510 Grain Drill
Scrapper Box
Harley Rock Rake

JD 3x14" Plow
Ford 4x16" Plow
(2) IHC 4x16" Plows
JD 5x16" Plow
Ford 5x16" Plow
Case 6x16" Plow
John Blue Knifer 700
16 Ft IHC Drag
5 Ft Taylorway Offset
24 Ft Amco Disc Harrow
24 Ft Glenco Field Cult
(3) 12 Ft. Brillion Cultimulcher
JD 4 Row Cultivator

MF 205
Kaston Spreader
(2) NH 519 w/End Gate
New Idea 245
1967 City Dump Trailer 30' w/11x22 Tires
1974 Dorsey 28' Trailer w/10x20 Tires

FINANCING & DELIVERY AVAILABLE

Ford FORD NEW HOLLAND

NIAGARA FORD NEW HOLLAND, INC.

4060 LAKE AVENUE
Rt. 78 NORTH OF LOCKPORT
LOCKPORT, NEW YORK

18 Miles North of Buffalo
60 Miles West of Rochester

N
W E

50 Miles NW Of Bativa
Call For Further Directions

Petersheim Auctioneers

Public Sale

Friday, March 3, 1989

Real Estate 12:30 P.M.

30 Acre Fruit Farm

Personal Property 9:30 A.M.

Large 4 bedroom stone house, retail store, 40x80 perma building an established business, Lapps Mkt.

Located in Lancaster Co., Pa. 2 miles southwest of Christiana on Valley, 6 mile east of Quarryville, from Rt. 896 go East on Valley, from Rt. 41 go west on 372 to Valley Rd.

Real Estate

Consists of 30 acres. 25 acres in fruit trees in high state of production, mostly all young trees, an additional 10 acres on lease, planted in fruit trees.

Orchards in excellent condition, well maintained.

Improvements

Consist of 2 and half story 4 bedroom stone house, full bath, 2 powder rooms, laundry, kitchen and dining area, 3 fireplaces, great view, large pond in lawn area, bank barn presently used and retail store and storage, walk in cooler, also 40x80 storage metal building.

Building all excellent condition.

10% down sale day, final settlement on or before 60 days.

Shown by appointment call 215-593-2921 or 215-593-2828.

Watch for full listing of orchard, farm and marketing equipment and inventory.

Lapp's Market
Glenn & Naomi Lapp

Auct:
Steve
Steve Jr. Petersheim
AU001349L

Auct. Note: A great opportunity to purchase an established business.

PUBLIC AUCTION

THIS SALE NECESSARY DUE TO HAVING SOLD MY FARM

TRACTORS — FARM MACHINERY
TRUCKS — TILLAGE EQUIPMENT
HAY EQUIPMENT — PARTS & MACHINERY
ANTIQUES — GUNS

Located in Union County, Pennsylvania. 1¾ Miles West of the Village of New Columbia or 1¾ Miles West of Route 15.

SATURDAY, DECEMBER 31, 1988

Starting at 9:00 a.m. Sharp

— TRACTORS —

600 Case Diesel Western Dual Hydraulic and P S — Massey Ferguson 85 Diesel, Wide Front, P S , 3 Pt Hitch, Dual Hydraulic with MF All Hydraulic Loader, Bucket and Fork — I H C 656 Diesel, Wide Front, P S , 3 Pt Hitch — I H C 350 Diesel Utility, just overhauled — Massey Harris 22, 3 Pt Hitch with Cultivators — Allis Chalmers B, Completely Restored with R59 Woods Belly Mower, Cultivators and Sickle Bar Mower — I H C Cub Cadet 1450 Hydrostatic with 50 Inch Mower — 933 Caterpillar Front End Loader

— TRUCKS —

1981 Ford 350 with 400 Engine, 4 Speed Transmission, Dual Wheels, 12 Ft Flatbed, Two Sets of Sides with Twin Cylinders Hoist — 1974 Ford F100 Four Wheel Drive, 4 Speed Transmission

— TILLAGE EQUIPMENT —
— HARVEST EQUIPMENT —
— MINNICH TOBACCO PRESS —
1000 TOBACCO LATHES —
— LUMBER, NEW & USED —
— PARTS & PARTS EQUIPMENT —
— ANTIQUES — GUNS —
— HIT & MISS ENGINES —

— GUNS —

Winchester Model 95 30 06 Cal Take Down Model — Marlin Model 336 Cal 219 Zipper with Dies — Marlin 22 Cal Bolt Action — West Bend 12 Ga Double Barrel Hammer — H&R 12 Ga , 3 In Mag Single Barrel, never fired — 12 Ga Double Barrel, old — Stevens 22 Cal Pump Visable Loader — Some Shop Tools and Supplies — 5 Minutes of Household Items — Several Thousand Books and Magazines, boxed

TERMS — CASH OR GOOD CHECK ON DAY OF SALE NO OUT-OF-STATE CHECKS UNLESS APPROVED

H. H. MYLIN, Owner

GEORGE H. DEITRICK, Auctioneer
R D. 2, Box 266, New Columbia, Pa. 17856
Phone (717) 568-5454 Lic. No. AU-000212-L

Lunch on Grounds

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

PUBLIC AUCTION

BUTCHER SHOP EQUIPMENT AND SUPPLIES

MONDAY, DECEMBER 19, 1988

11:00 A.M.

Front and Railroad Street, Mt. Wolf, York County, Pa.

Stainless US Beckel Meat Slicer, Cube Steak Machine, Kubota Digital Scales - New, 10 Lb.; Toledo Digital Meat Scales - Like New, 30 Lb.; Toledo Platform Scales - 250 Lb., Dayton 24 Lb. Scale, Hobart Meat Grinder Model 4146 - Like New, Hobart Meat Band Saw w/13" Throat and Traveling Table, Hollymatic Patty Maker, Stainless Steel Meat Mixer - 100 Lb., Gas-Fired Homemade Portable Smoker, 8' and 10' Deli Cases w/ Compressors, 18 Cu. Ft. Chest Freezer, 3 Meat Paper Roll Dispensers, Meat Paper, 25 Lb. Hand Sausage Stuffer, Meat Cutting Table w/ Butcher Block Top, Bally Walk-In Freezer 12x12 w/Unit, Federal Double Glass Door Cooler - Upright, 7 Ft. Kelvinator Ice Cream Case, Meat Saws Butcher Knives, Bacon Hooks, Stainless Top Table, 13 Ft. Butcher Block Counter Top, 3 Compartment Stainless Sink, Menue Board and Letters, Bologna Casings 3" and 5", Porcelain, Stainless and Plastic Trays and Containers; Gas Stove, Counters, Display Shelving, 5 Ft. x 33 In. Wooden Desk, Misc. Canned Goods and Soda, Squeegee Bucket, Mops and Brooms and Other Miscellaneous Items.

ALL ITEMS MUST BE MOVED BY DECEMBER 23

TERMS: CASH OR GOOD CHECK, FULL SETTLEMENT SALE DAY.

Sale For:

MT. WOLF MEAT MARKET
Mt. Wolf, PA

Auctioneer: Blaine & Nevin Rentzel
Emigsville, PA 764-6412
PA Lic. #761 - 32483

SAT JAN 14 - 11AM Real Estate, 5 Cars & Truck, HH, Antiques 1 mi N of New Holland, PA, along N Railroad Ave From Hinkletown take N Railroad Ave 2½ mis to sale, Lanc Co By Lloyd Rosenberry Est Paul Snyder Auct

WED JAN 18 - 4PM Antiques, HH, Toys, Coke & Beer Items, Coins Brickerville Fire Hall, just off Rt 322, Brickerville, approx 8 mis w of Ephrata, Lanc Co , PA By Frank Strayer, Shelly HORST Aucts

THURS & FRI JAN 19 & 20 - Farm Eq Sale Marion PA Ralph W Horst Mgr

FRI JAN 20 - 10AM Special Horse Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster, PA just off Rt 23, New Holland, PA

FRI JAN 20 12- Noon Complete Registered & Grade Holstein & Jersey Milking Herd, Open & Bred Heifer Dispersal for Ronald & GLenn Weyer at Smoketown Quality Dairy Sales Inc , Rt 340, Smoketown PA, Lanc Co Managed by Gordon & Helen Fritz

SAT JAN 21 - Jacob S Zimmerman Valley View St , Goodville Real Estate, Antiques HH Nevin & Andrew Martin, Aucts

SAT JAN 28 1PM Location 235 Whitehall Rd Reinholds West Cocalico Township Lanc Co 2 Separate Tracts of Real Estate Consisting of 24 Acre Farmette & 8 Acre Parcel Owner Charles J Harting Jr & Maxine K Harting Conducted By Kline & Kreider Auctioneers

SAT JAN 28 2PM 5 Acre M/L Farmette Zoned R1 Along Rt 322, 4 mis E of Blue Ball 2½ mis W of Honey Brook Caernarvon Twp Lanc Co Leroy & Elizabeth Smucker Robert E & Jeffrey R Martin Aucts

TUES JAN 31 10AM Livestock Farm Eq Some HH 1½ S of Intercourse 1 mi N of Rt 30 at 344 Queen Rd Amos F Smoker Owner Diffenbach s Aucts

FEBRUARY

FRI FEB 3 10AM Horse Sale at New Holland Sales Stables Inc 12 mis E of Lancaster on Rt 23 New Holland PA

TUES FEB 7 Farm Machinery Horses 1 mi S of Gap PA David Beiler Steve Petersheim & Steve Jr Aucts

THURS FEB 9 - 9 30AM Horse Drawn Farm Machinery, 30 Hi Grade Heifers 4 Sorrel Mules Hay Straw 1 mi E of Gap Levi & Sadie King Steve Petersheim & Steve Jr , Aucts

PUBLIC SALE

OF GREENHOUSES & EQUIP.
(To Be Removed)
AKRON - EPHRATA

Mon., Dec. 26, 1988

At 11:00 A.M.

Located at Former Andes Greenhouse; East of Akron, Lancaster county, PA. (Directions: Route 272 to Akron; turn East onto Main Street to Diamond Street.)

9 GREENHOUSES, Aluminum, Glass & Wood; 2 - 29'x52' Twin, Aluminum & Glass; 30'x100' Aluminum & Glass; 2 - 13'x50' Aluminum & Glass; 2 - 13'x50' Wood & Glass; 27'x36' Steel & Plastic; 34'x64' Aluminum & Glass.

GREENHOUSE EQUIPMENT

LARGE BURNHAM BOILER, Oil Fired, 3 Large Hotwater Boilers; Steel Pipe; 2 Story Frame Building; 10,000 Gallon & Other Fuel Tanks; Water Pumps; And Other Greenhouse Equipment.

All Above Must Be Removed From Property By Purchaser!

Terms by:

PAUL M. REIFF, JR.
HORST AUCTS.
T. Glenn AU438L
Timothy G.
Thomas A.
859-1331 — 738-1245
"VOICES OF EXPERIENCE"

PUBLIC SALE

OF REAL ESTATE, 5 CARS AND TRUCK' HOUSEHOLD GOODS, SOME ANTIQUES

SATURDAY, JANUARY 14, 1989

LOCATED 1 MILE NORHT OF NEW HOLLAND, PA ALONG NORTH RAILROAD AVE. FROM HINKLETOWN TAKE NORTH RAILROAD AVE. 2½ MILES TO SALE, LANCASTER COUNTY

SALE TIME 11:00 A.M.
REAL ESTATE 1:00 P.M. — CARS AND TRUCK 1:30 P.M.

REAL ESTATE

3 acres, more or less, with 2 dwellings, barn, 2 utility sheds, brick ranch dwelling 3 bedrtooms, bath, large living room, kitchen enclosed porch, 2 car garage carport electric heat, well

#2 dwelling — 2½ story brick dwelling, 4 bedrooms, bath, kitchen, living room dining room This dwelling needs repairs 48 by 66 frame bank barn 18 by 48 forebay

Terms for Real Estate — 10% down day of sale, balance on or before March 1, 1989 Open for inspection Saturday, January 7 from 12 till 4

CARS AND TRUCK

1984 Plymouth Gran Fury 4-Door, 20,650 miles
1975 Dodge Dart Special Edition 4 Door, 54,485 miles
1975 Dodge Dart Custom 4-Door, 16,760 miles
1976 Dodge Charger 2-Door, 77,253 miles
1973 Plymouth Valiant 4-Door, 41,151 miles
1976 Dodge Custom 300 1 ton truck with 8 ft cattle rack 67 000 miles
All cars and trucks have original miles

HOUSEHOLD GOODS — SOME ANTIQUES

G E Refrigerator, Side by Side with Freezer, Freezer Upright G E Dryer Breakfast Set, Drop Leaf Table & 4 Chairs, Small G E T V , 4 Piece Bedroom Suite with Box Spring and Mattress, Double Bed with Box Spring and Mattress, Dial Sewing Machine, Single Bed, Living Room Suite 2 Recliners, Swivel Rocker, Small Antique Desk, Piano Stool, Milk Cans, 2 Door Metal Cabinet, Small End Tables, Hoover Sweeper, Lawn Chairs, Kerosene Heater, Cedar Chest Clothes Trees Window Fans, Table Lights, Floor Lights, Can Opener, Metal Lawn Table, 2 Wooden Benches, Extension Table, Tupperware, Revere Ware in Pots and Pans Dishes Towels, Pillows, Bedspreads Blankets, some new, Jars, Portable Air Tank Small Central tractor Air Compressor, Tools, Garbage Cans, Car Ramps Electric Heaters Stepladder, Bicycle, Dynamark Mower, like new, electric start Proven Riding Mower, electric start Lawn Sweeper Jacobsen Mower Small Wheelbarrow Small 2 Wheel Trailer Small Shed many other items

TERMS BY
LLOYD ROSENBERRY EST.

Paul Snyder, Auct AU-000873-L
717-733-7052
Fasnacht, Clerks
Eaby and Eaby, Atty

No Out of State Checks
Refreshments by Farmersville Fire Co.

PUBLIC SALE

SAT., FEBRUARY 18, 1989- 9:30 A.M.

Located four miles northeast of Myerstown. Five miles south of Bethel One and one-half miles north of Route 422, along Wintersville Road, Berks Co., Penna.

FARM EQUIPMENT

1982 John Deere "8640" tractor 1770 hours, 12' six way blade, 24 5 32 tires, two extra sets of hubs wheels and tires Quick hitch three remote, heat and air 235 h p quad range

Case International "885" tractor 700 hours extra warranty, fully equipped International 2255 loader 1984 Case 4490 tractor 1100 hours, fully equipped,

1979 White 2105 tractor, year round cab, 3000 hours, new tires, fully equipped

New Holland 2100 harvester, 1150 hours on chopper, 10' pick up head, 6 row corn head Model #974 6 row combine head for hi-moisture corn,

1977 F86 Volvo 155,000 miles, 36,000 gross wt with 19' steel dump body and 21' metal cattle body

1975 International 4200 with 318 Detroit, 10 wheeler- twin screw with 21 dump body and 3800 gallon manure tank

1964 International R200 truck with 16' dump bed

14' Goose neck cattle trailer

LaPlant Choate 4-yard pull type earth mover

Eager Beaver 9 ton Low-Boy trailer

John Deere #7000 6-row conservation planter with mounted 300 gallon Century sprayer

Scavenger #1691 spreader, Scavenger 3300 gallon spreader with hydraulic lid

New Holland #499 12' haybine, International model #100 7' mower, Grimm tredder, New Idea 7 wheel 10' side rake, King-wise 24' elevator with 1 h p motor,

Brillion 9 tooth ripper, MF 16' chisel plow, Oliver #568 five bottom plow with automatic resets, Krause 24' heavy duty 2400 series disc harrow, Dunham 25' Wing packer with large rollers, 14' single cultipacker with big rollers, 15' field cultivators with drag, Oliver 12' spring harrow, Dunham six-row 5 tine cultivator, Oliver 3 point 2 row cultivator with tobacco hoers,

Flail spreader, MF model #43 22-7 disc drill, Woods 10' stalk shredder, Allied H D 3 point 6 way 10 blade, Tyler 4 Ton fertilizer spreader, Hitch Hiker, 40 KW trailer mounted generator, Richardton 14' dump wagon, Martin 30' Lagoon pump, 9' V snow plow,

Two grove flat wagons with 16' beds, Hershey 2 row transplanter, 6'x8' cattle racks, Stauffer lime spreader trailer, AS IS,

Tuff-Built 16 h p tractor with cultivator and hoers, Snapper 7 h p riding mower,

Pick-up cattle racks, potato plow, Zimmerman portable head gate, back scratcher, Blower pipe, hi pressure washer, two van bucket seats, Papec feed bagger, hog loading chute, several sets of tractor tire chains tires and wheels of various sizes, oil tanks,

Hand tools, shop tools, 18 4 38" duals and 20 8-34" duals snap mounted

HOUSEHOLD ITEMS

Three blanket chests, two hutch cupboards with 12 lights sideboards, wash stands, beds and springs, cedar line wardrobe, bureau, Fiddle back settee, old odd chairs, occasional chairs, stack chairs, sofa beds two cribs clothes tree, round table, old books, crocks and many other items

Also at same time and place for Mrs. John L. Zug--- Farmall "400" tractor, Farmall 'H' tractor 'MC' chopper, John Deere 14T baler, MCD 6' P T O combine, Oliver #5 1 row corn picker, Little Giant 32 elevator, David Bradley side rake, Papec hammer mill, Chev 1964 truck with 45,000 miles,

Rubber tired buggy- square back sleigh, sled

Sale at 9 30 A M Selling at 2 places
Sale Order Small Items at barn, Household goods, Farm equipment 12 00 Noon

JOHN N. & ESTHER G. OBERHOLTZER, Owners

Roger Floyd- Clerk

Paul Snyder
Diffenbach's Auct. 225L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI FEB 10 9AM Equipment Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23 New Holland PA

SAT FEB 11 12 Noon Farm Eq Located along Denver Rd 1 mi W of 272 & Turnpike interchange Terms by Abram N Zimmerman Paul W & LeRoy S Horst, Aucts

TUES FEB 14 10AM Quilt & Buggy Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster, PA, on Rt 23, New Holland

WED FEB 15 - Farm Machinery, Holstein Herd, Horses Perry Co , 1 mi S of Blaine PA Elmer F & Leah Fisher Steve Peter sheim & Steve Jr , Aucts

THURS FEB 16 9 30AM Horse Drawn Farm Machinery, HH, Antiques, Work Horses Little Britain Ben & Sadie Swarey Steve Petersheim & Steve Jr , Aucts

FRI FEB 17 - McConnellsburg PA Complete Farm Machinery Dispersal Johnston Bros , Owners Lyle Reed & Art Kling, Aucts

FRI FEB 17 10AM Horse Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

SAT FEB 18 - Dairy Herd, Dairy Eq , Farm Implements Located 1 mi NE of Martindale, just off Gristmill Rd along Centerville Rd in Earl Twp , Lanc Co , PA Warren Sauder, Owner LeRoy S Horst & Lamar Sensenig, Aucts

SAT FEB 18 - 9AM Farm Machinery Few Antiques Take Rt 272 approx 15 mis S of Lancaster PA, turn west on Oscola Rd , 2nd farm on right Lloyd G Lefever Kreider & Kline & Good, Aucts

SAT FEB 18 9 30AM HH Goods, Full Line Modern Farm Eq 4 mis NE of Myerstown, 5 mis S of Bethel, 1½ mis N of Rt 422 along Wintersville Rd , Berks Co , PA By John N & Esther G Oberholtzer Snyder & Diffenbach, Aucts

SAT FEB 18 - 9 30AM Horses 11AM At Belleville Livestock Mkt , Belleville, PA Special Horse Sale and Tack

TUES , FEB 21 - 9AM Located Gordonville Pa Full Line Of Farm Machinery, 3 Pair Top Of The Line Sorrell Mules Owner, Jonathan & Katie Stoltzfus Auctioneer, Steve & Steve, Jr Petersheim

TUES FEB 21 9AM Livestock & Farm Eq 1 mi E of White Horse, ¼ mi N of Rt 340 along Plank Rd , Gap, PA For Aaron F Stoltzfus Diffenbach's Aucts

TUES FEB 21 - 10AM Farm Machinery & Tools Mifflin Co , 2 mis E of Lewistown, PA, along Rt 522 Max Hook Mark Glick Auct

FRI & WED FEB 17 & 22 - 12 Noon & 9AM Respectively Dairy Herd Dispersal & Dairy Eq , HH, Full Line of Farm Eq ½ mi N of Bird in Hand, turn off Rt 340 on Beechdale Rd Terms by Samuel Beiler Robert E & Jeffrey R Martin, Aucts

WED FEB 22 DATE CHANGE! 10AM Farm Machinery, 5 Head Mules, HH, Antiques Lanc Co , PA Katie Blank Steve Petersheim & Steve Jr , Aucts

THURS , FEB 23 AND FRI , FEB 24 9 AM Public Auction of antique tractors, engines, new, used and abused farm equipment located 10 miles east of Lancaster, 2½ miles west of New Holland Turn off Rt 23 on S Groffdale Road, turn left on Musser School Road, Lancaster County, Pa Terms by Elias S Beiler 717-656-9733 Aucts - Robert E and Jeffery R Martin, Blaine Rentzel, Fred Goodrich, Jr and Gerald Hoover Apprentice

FRI FEB 24 - 9AM Livestock, Horses, Farm Mach Mifflin Co , 3 mis N of Reedsville, PA, along Church Lane David D Zook Mark Glick, Auct

SAT FEB 25 - Wellsville, York Co , PA HH, Antiques, Farm Machinery Carl & Creaty Harbold Owners Kling s Aucts Inc

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Attention! Attention!

Farm Equipment and Tire Dealers

Interested In Buying Or Selling Goodyear Tires
In Your Business? Contact Ken Morgan, Mgr.

Farm Tire Sales
Goodyear Tire & Rubber Co.
Scott Plaza #2
Philadelphia, Pa. 19113
215/521-4000

FARM TOY SHOW SALE AND PUBLIC AUCTION

In LANCASTER COUNTY,
PENNSYLVANIA

SATURDAY, DECEMBER 31

at THE FARM AND HOME CENTER OF LANCASTER, PA. (OFF ROUTE 72, NEAR JONES PONTIAC) CLOSE TO PARK CITY SHOPPING MALL.

GENERAL ADMISSION OPENS
at 9:00 a.m.
FARM TOY AUCTION BEGINS-
2:30 p.m.
(No Admission Charge
To The Auction)

60 TABLES EXPECTED, 85% FARM TOYS.

THOUSANDS OF FARM TOYS WILL BE ON DISPLAY. MOST WILL BE FOR TRADE OR SALE. ALSO COLLECTOR BOOKS AND GUIDES WILL BE ON SALE SEE THE RAREST JOHN DEERE TOY TRACTOR IN THE EAST WORTH OVER $1,500.

FOR MORE INFORMATION ABOUT SHOW OR AUCTION:
DAVE NOLT, MANAGER
(717) 768-3554 (Evenings Best)
AUCTIONEER IS DALE STOLTZFUS
AU-906-L
CANCELLED IN THE EVENT OF BAD WEATHER.

250-350 HEAD SPECIAL HORSE SALE WORK HORSES DRIVING HORSES MULES

FRIDAY, JANUARY 6, 1989

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Tack 9:00 AM. Sale 10:00 AM.

* 2 Loads Work Horses and Mules consigned by Ward Wright.
* 1 Load Work and Driving Horses consigned by Bub Leonard.
* 1 Load Work Horses consigned by Billy Meadows.
* 1 Load Work Horses and Mules consigned by Norman Kolb.
* 1 Load Work Horses consigned by Steimer Bros.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:

Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

NEXT HORSE SALE JANUARY 20, 10:00 A.M.

PUBLIC SALE

Horse Drawn Farm Machinery
6 Head of Mules - Milking Equipment
Hay - Straw - Few Household Goods
Tuesday, December 20, 1988
10:00 a.m.

Located in Franklin County, PA, 2 miles South of Blue Mountain Interchange along Route 997, 6 miles North of Newburg.

Milking Equipment

3-55 lb DeLaval milker units, sterling pulsators, shut off claws, **Sputnick** milk mover, DeLaval vac pump, new two years, extra buckets, large air tank, 285 gallon fuel tank

Mules & Harness - Wagons

Pair 8-9 year old grey Mollie mules, nice pair mules with snap, pair smooth mouth grey mules, 2 odd mules, grey and black mulley nose, 6 set nylon Britchman harness, collars; bridles, lines, double-triple trees, 4-5-6 horse hitches, **Storm front carriage,** roller bearing, hydraulic front brakes, spring wagon, roller bearing, new wheels, nice condition, 2 horse chuck wagon, fifth wheel turn with seat

Farm Machinery

Oliver 2-14" plow, pull type, International disc harrow, John Deere 3 section spring tooth harrow, 3 tooth chisel plow, 2 cultipackers; International 56 4-row corn planter, McDeering corn binder with loader; 8 H P Wisconsin engine, clutch reduction gear; Papec 16" silage cutter, 4 knives, extra knives and gears; 2 horse McDeering corn planter with fertilizer attachments, Oliver No 5 corn picker, grain bin on gear, 2 Oliver Superior grain drills, 1 for parts, boom field sprayer with engine, poly tank; 2 McDeering No. 9 mowers 7' bar, International roller bar rake; New Holland 269 baler with engine, 3 flat bed wagons; Cross 24' elevator, New Idea corn drag; Pequea 2 beater manure spreader with end gate; 3 fore carts, 2 with steering lever; 2-2 horse McDeering cultivators, hydraulic unit with Lombardi diesel engine; 100' hydraulic hose; hydraulic motor; 2 cyl baler engine, overhauled, 500 gallon Snyder polyolefin tank; shop wood, fence posts, roll box wire; new 2x6 lumber, plywood, 5 ton rye straw, approximately 20 ton alfalfa & broam mixed hay, no rain, feed carts; few hand tools, fence posts, wagon load small items

Household Goods

3 piece waterfall bedroom suite, box spring & mattress, nice; corner cupboard, bookcase, secretary desk; 5 matching chairs; dishes; china, glass, set of dishes, few collectables, books, 4 burner gas stove

Auctioneer's Note: An opportunity to purchase mules with snap in nice condition; machinery ready to go to the field.

Owners:
Jonas M. & Annie S. King

Food On Premises

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

PUBLIC SALE

From Interstate 81 South of Martinsburg, West Virginia, Take Exit #5 (Inwood), WV, Route 51 East approximately 3½ miles to Shutts Cash Grocery (Formerly Haines') Turn right - .2 of a mile to sale -- OR -- From Charles Town, WV, Take Route 51 West, Go approximately 8½ miles to Shutts Cash Grocery - Turn left - .2 of a mile to sale.

SATURDAY, DEC. 31, 1988
AT -- 9:00 AM

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusons, and other tractors We will also be offering 2 and 3 axle trailers, a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 foot blades, grain elevators, corn pickers, corn planters, 30 utility poles and other farm articles

VEHICLES: 1985 7 pass. Plymouth Voyager SE w/5 speed, 4 cylinder, and stereo w/cass (very nice)
1984 Chevrolet Celebrity w/V-6, am/fm stereo, a/c, p/s, p b, automatic and fully handicapped equipped including wheelchair lift and roof carrier

We will also be offering a good selection of NEW AND USED TOOLS — canned goods, hams and other food items Some household articles and Cuz of Pennsylvania will be here with watches, tapestries, crystal and sewing material

TERMS: CASH OR GOOD CHECK NOTHING TO BE REMOVED UNTIL SETTLED FOR ID REQUIRED TO ACQUIRE A BIDDING NUMBER.

EDGAR A. BOHRER, SALE MGR.
WV LIC #18
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE Let us turn your unused farm articles, household articles and antiques into cash for you If you are considering having an auction, please contact us

ORDER OF SALE: SMALL ITEMS: Tools, household articles, food, etc will be offered promptly at 9 00 AM. **VEHICLES—TRACTORS—EQUIPMENT** will be offered approx at 12 00 NOON

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHT RESERVED

UNRESERVED

PUBLIC AUCTION

OF THE LIBRARY & COLLECTIONS OF THE LATE DAVID MUSSELMAN
to be held
SAT., JANUARY 7, 1988
beginning at 9:30 A.M.

At the Akron Fire Hall, 1229 Main St., Akron, Lanc Co., Pa. **Complete IL Catalogue available by mailing $10 to Musselman Auction, c/o C.E. Spohn, 837-B W. Main St., Ephrata, Pa. 17522.**

624 Lots - RARE HEINRICH OTTO DEC. TAUFSCHEIN & 1784 (Ephrata) "Geistlichen Irrgarten"; 1801 Fred. Krebs Tauf-Schein; 100 Lots of Ephrata Imprints - 8 copies of 1748-'49 **Martyr's Mirror,** 1754, Bunyan/**Christen Reise,** 1763 Barba/**Unterricht von Metallen,** 1763 Benezet/...**Africa, Welches bewohnt wird von Negroes,** 1797 **Kinder Im Wald,** 1803 **Weiber-Buchlein,** 1803 **Ross-Arzney Buchlein,** 1828 Hohman/**Lange Verborgene Freund,** etc.; 18th Cent. Doctor's THS Recipe Book; Penna. German & Misc. Broadsides (Peter Montelius, etc.); Fraktur Bookplates; Early Imprints - Phila., Germantown, Lanc., Reading, Lebanon, Hbg., etc.; G.S. Peter's Children's Books; 1776 Saur Bible; Set of Saur Devotional Cards w/ Case; Penna. German Hist. & Literature; Penna. German Soc. Pub.'s; Pa. History (Lanc. & Berks Co.); Misc. Books on Antiques, Tech., Architecture, U.S. History, etc.; Civil War Soldiers Letters; 200 Lots of U.S. First Day & First Flight Covers, Misc. Stamped Covers & Covers w/Letters, U.S. Plate Blocks; Vintage Photo's & Post Cards - Ephrata Cloister, etc. Early P.O. Numeral & Defacing Stamps, etc.

Terms by:
Sara B. Musselman

Catalogue by: Clarence E. Spohn
(717) 733-6276 or 738-3080 (evenings only)

HORST AUCTIONEERS
AU438L
717-859-1331 & 717-738-1245

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT FEB 25 - 9AM Full Line of Farm Machinery Mifflin Co , ¼ mi W of Granville, PA, 4 mis W of Lewistown on Rt 103 Daniel B Stoltzfus Mark Glick, Auct

SAT FEB 25 - 9AM Consignment Auction at Paul Zimmerman Farm, along Plaesant Valley Rd , West Earl Twp , Lanc Co , PA By Paul Zimmerman & Ivan Martin Reist Aucts

SAT FEB 25 - 10AM Holstein Dairy Cows and Farm Eq 4 mls N of Bowmansville, along Rt 625, Berks Co , PA Terms by Paul M & Eva S Brubaker Horning Farm Agy Inc

TUES FEB 28 - Located 2 miles northeast of Gap Full line farm machinery (4) tractors, Int 886 w/cab, radial tires Equipment all in mint condition Christian & Katie Zook, Owners Steve Petersheim & Steve Jr Aucts

TUES FEB 28 9AM Good Line of Farm Eq Mifflin Co , between Reedsville & Belleville, PA along Garver Rd Mahlon Peachey Mark Glick, Auct

TUES. FEB 28 - 9 30AM Modern Farm Eq Take 896 S of Strasburg to Rt 372 E 1 mi turn S on Quaker Church Rd 3 mi through railroad underpass 1st lane left Lanc Co PA Kenneth G Stoltzfus 215 593 2363 Diffenbach Aucts

MARCH

WED MAR 1 - 9AM Located Irishtown Rd Ronks, Pa Farm Machinery, Mules & Household Goods Owner, Mary Lapp Auctioneer, Steve & Steve Jr Petersheim

THURS MAR 2 RD, Newville, PA Complete Machinery Dispersal Glenn & Hope Glesner, Owners Kling's Aucts Inc

THURS MAR 2 - 9AM Holstein Herd Farm Machinery Chester Co Moscow Rd Christ K King Owner Steve Petersheim & Steve Jr , Aucts

THURS MAR 2 - 9AM Dairy Cows, HH Farm Eq Located approx 3 N of Intercourse along Centerville Road For Samuel S Lapp Robert E & Jeffrey R Martin, Aucts 717-656-7770

FRI MAR 3 9AM Annual Spring Machinery sale at Belleville Livestock Mkt Selling all kinds of machinery & on consignment B L Mkt Inc

CHRISTMAS SALE

Time Change DAY SALE

Time Change DAY SALE

Complete Hi-Grade Milking Herd & Bred Heifer Dispersal. 60 Head Open & Yearling Heifers For:

Jonathan A. & Katie K. Stoltzfus
S. Harvest Rd. — Ronks, Pa.

To be held at Smoketown Quality Dairy Sales, Smoketown, PA. Rt. 340.

Friday, Dec. 23, 1988 — 12 Noon

Herd Avg between 17,000 & 18,000m 3 7-3 8 t - 55 lb Avg All home raised All cows & heifers calfhood vacc No cows bought for at least 12 years T B & Bld tested - 30 day Innoculated-IBR PI3 BVD Lepto and wormed This is a sharp young herd of big strong cows with good udders Cows due Jan Feb- March to a Tradition Son

Some Milk Weights:

#92 Fancy Cow Fresh 11 18-88- 100 Lbs
#146- Due March To Tradition Son Peaked 100 Lbs
#123- Sire Rusty- 2 Yr Old- Peaked 70 Lbs
#15- Due March To Tradition Son 50 Lbs
#8- Fresh 7-7-88- Bred 10 11-88- 80 Lbs
#62- Fancy Cow Fresh 10-5-88- 90 Lbs
#129- Fancy Cow Fresh 10-23-88- 95 Lbs

Cow Families.

Dam #101- 65 Lbs Peaked 90 Lbs
Dtr #118- Troy Dau Born 12-29-86 Due April To Tradition Son
Dam #141 60 Lbs Peaked 100 Lbs
Dau #112- Starlete Dau Born 3-4 87 Due April To Tradition Son
Dam #5- 35 Lbs Peaked 100 Lbs Due March To Tradition Son
Dau #111- Starwar Dau Due April To Tradition Son
Dam #78- 80 Lbs As 2nd Calf Heifer
Dau #110- Sire Grdson Out Of Paclamar Triune Complete Born 5 9 87
Due June To Tradition Son
Dam #120- 95 Lbs As 2nd Calf Heifer
Dau #150- Sire Steady- Born 11 2-87
Dam #34- Milked Over 100 Lbs
Dau #103 Troy Dau Born 12 3 87
A Good Group Of Fancy Heifers (Well Taken Care Of) Heifers Out Of Paclamar Triune Complete Grdson & A I Sires
Dam- Out Of Fond Matt Son- EX 91
6 Records Over 20,000m 4 8t 1206F
Next Dam EX 92
2 Records Over 18,000m 3 9t 730F
Cows And Heifers Bred By Tradition Son Selling With Herd
Dam- Glendell Arlinda Chief- V G 88
2 yr 305 17,552m 3 6t 636F
Next Dam 4 Records Over 20,000m 4 5t 996F
3 Reg Holstein Cows
From Weeping Willow Farm Dispersal, Mt Joy, Pa

Reg Grd Dtr - Pawnee Farm Arlinda Chief Born 9 29-86
Due To Kingway Elevation Very
Dam Crescentmead Marvex Paul G P 82
3-7 305 18,577 609F
4-6 391 22,430 801F

Reg S-W-D Valiant- Grd Dtr - Born 12-30 86
Due To Cal-Lill Belltone
Dam- Poverty-Hollow Milestone
3 0 285 20,600 647F
4 0 305 21,470 637F
5 0 305 22,370 673F
3 Yr Old Ivanhoe Grd Dau
2 Yr 15,000 3-7 560

Reg Fancy Elevation Dtr Born 8/19/86
Due Sale Time To A Chief Mack Son
Maternal Sister 2 Yr 389D 27,340
Dam EG 85 305D 19,251
284D 20,158
305D 21,426
387D 24,591

Reg Fancy Bell Dtr Born 12/17/86
Due Sale Time To Valiant Calypso ET +914
Dam 5 Yr 305D 23,750 819F
2nd Dam VG 85 4 Yr 305D 22,750

Reg Big Fancy Tradition Dtr
5 Yr. Due Sale Time VG 87 w/Fancy Udder
Dam- Sire ACK-Lee Chief Money Maker

2nd Dam By Astronaut VG 87
ID Grade Red & White 3 Yr Old Fresh 12/11/88
2 Yr Over 15,000M Sired By Kid Red
Dam 3 Yr Old 23,624M 3 8 892F

Eight Sig Strong Bred Heifers From Herd Dispersal
Herd Avg 19,558 3 6 696F

#70- Born 1 6 87- Sire Potts
Dam 3 6 261 17,797 610F
4-4 305 22,319 767F
5-5 295 21,227 714F
6 4 305 21,787 711F

#260- Born 10-24-86- Sire Cleve
Dam- 302 13,624 3 8 522F
Dam- 275 13,530 3 8 512F
305 15,670 510F
Dam Of 6 Of These Heifers

V G 85 Matt Tippy-
3 305 22,500 3 9 867F
4 333 24,153 3 8 929F

Reg Jersey- Fresh By Saletime- Bred To Quicksilver
Magic Of Ogston
Sire- Secret Baronet
Dam- Vaucluse Sleeping Surville
5-11 305 13,340 4 4 583 3 6 Pro 477 Pro
7-0 305 12,260 4 3 530 3 6 Pro 441 Pro

Grade Jersey Sire Soldier Boy- Just Fresh

Reg. Holstein Bull- Born 2-20-88.
Sire Secret
Dam- Ned Boy G P 81
2-1 250 17,518 607 3 3 Pro
Grdam- 3 8 30,186m 1273F

MERRY CHRISTMAS

We Have Appreciated Your Patronage During The Past Year. We Hope You Enjoy A Very Merry & Happy Holiday. Smoketown Quality Dairy Sales, Gordon & Helen Fritz, And All The Boys.

Turkeys For Some Of The Lucky Buyers

Sale Managed By

Smoketown Quality Dairy Sales
Helen & Gordon Fritz 717-393-0930

New Year Sale

Complete Grade Milking Herd Dispersal For *Drey Bros. Douglasville, Pa.*

70 Head

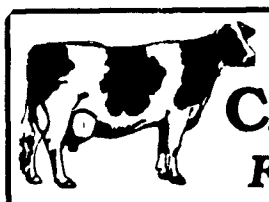
Friday, Dec. 30-12 Noon

Farm Sold

This Is A Good Young Herd Of Cows With Good Udders. Cows Avg. 50 Lb. Per Day. Some Cows Fresh Oct. & Nov., And Milking 60-70 Lbs. Per Day.
#128- Fresh Oct. 20- 80 Lbs.
E101- I.D. Grade- 70 Lbs. As 1st Calf.
#2- Good Cow Fresh Middle Oct. Milking 60 Lb.
#258- Good Cow Fresh Middle Oct. 60-70 Lbs.
#88- Good Top Cow- Milking 60 Lbs. Bred Back.
#82- Good Top Cow- Milking 60 Lbs. Bred Back.
Herd Bull From A Top Herd In Montgomery Co.
Cows Milking 40-50 Lbs. Should Be Made Dry.
There Are 20-25 Dry Cows Due This Winter.
Seventeen 2 Yr. Olds Out Of One Herd.

-Sale Managed By-

Smoketown Quality Dairy Sales
Helen & Gordon Fritz *717-393-0930*



DAIRY CATTLE AUCTION

Friday, Dec. 30, 1988

11:00 A.M.

Selling at Kling's Sale Barn, located in Perry Co. on Route 74, 15 miles North of Carlisle, 2½ miles N.E. of Landisburg, Pa.

100 Head Holstein Dairy Cows

Selling for Ed Brackbill, Mechanicsburg, Pa.

13 Registered Animals - 3 Grades

Sires include- Pen-Col Bouncer-ET, Povery-Hollow Milestone, Very, Char-Sam Elevation Pabst, Lochinvar Boots, Wapa Arlinda Conductor and others.

Several sell just fresh - Several due soon after sale - Others in Various Stages.

This is a Good Group of Young Cattle (most born in '84 & '85) that are only being offered for sale as to the fact that Ed is overstocked.
Good Uddered Animals with good records on their own!
Several sell from V.G. Dams!

****

Also selling for Mrs. Clyde Bivens, Fulton Co.-
Complete Dairy Herd Dispersal of 50 Holstein Cows
(In All Stages of Lactation)

****

From Franklin Co.-
Complete Herd Dispersal of 40 Cows & 1st Calf Heifers

****

Selling for Art Kling-
10 Registered & Grade Fresh Cows & 1st—Calf Heifers From Cortland Co., N.Y.
PLUS
20 Good Young Fresh & Close-Springing Cows from Tioga Co., Pa.

****

Also selling-
2 Red and White Holstein Bulls (Both eligible for Registration)
And
2 Young Black/White Registered Bulls

Sale Managed By-

KLING'S AUCTIONS, INC.
R.D.#1, Box 66
Landisburg, Pa. 17040
717 789-3883 Lic. #500

AUCTION SERVICE KLING'S

Dairy and Livestock Sales

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH 717-786-3016

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

FRI MAR 3 - 9 30AM 30 Acre Fruit Farm, Personal Property Lanc Co , PA 2 mis SW of Christiana on Valley, 6 mis E of Quarryville, from Rt 896 go E on Valley, from Rt 41 go W on 372 to Valley Rd Lapp's Market Petersheim Aucts

FRI MAR 3 - 10AM Horse Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

SAT MAR 4 - Farm Implements, Carpenter Tools, Dairy Heifers, HH Located along Center Church Rd , midway between Terre Hill & Bowmansville, 1 mi W of Center Church Mahlon Horning, Owner LeRoy S & Paul W Horst, Auct

SAT MAR 4 - Meiserville, PA Livestock & Farm Machinery. David Weaver, Owner Kling's Aucts Inc

SAT MAR 4 - 9 30AM Farm Machinery, Dairy Eq Centre Co , between Spring Mills and Milheim, PA Russel Tice Mark Glick, Auct

SAT MAR 4 - Bart Township Fire Co All Day Sale of General Merchandise Building Materials Only Sale March 8

TUES MAR 7 - 9AM Public Auction of Farm Machinery, Livestock, and Household Goods Located 1½ mile north of Churchtown, along Hammetown Road Sale by Benuel and Katie King Snyder and Horning, Auctioneers

TUES MAR 7 - 9AM Large Line of Farm Machinery & Misc Farm Items Huntingdon Co , between Petersburg & McAlevys Fort, PA, along Rt 305 Eberle Brothers Mark Glick & Dale Gibboney, Aucts

TUES MAR 7 - 9 30AM Farm Machinery, 4 pair of top of the line sorrel mules, few household goods Located 2 miles south of White Horse Sale for Jonas L and Sadie Stoltzfus Petersheims, Aucts

TUES MAR 7 - 9 30AM Livestock & Farm Eq 2 mis SW of White Horse, 5½ mi E of Intercourse, 1 mi S of Rt 340 along Nullwood Road, Lanc Co , PA John E Stoltzfus, Owner Diffenbach's Aucts

WED MAR 8 - RD5, Newville, PA Complete Line of Farm Machinery Ronald & Louise Baer, Owners Kling's Aucts Inc

FRI MAR 10 - 9AM Equipment Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

SAT MAR 11 - RD4, Carlisle, PA Farm Machinery Dispersal Calvin Smith, Owner Kling's Aucts. Inc

TUES MAR 14 - 9AM Farm Machinery, Tools, misc Community Sale Along S Farmersville Rd , 1 mi S of Farmersville, 2 mis N of Bareville, PA West Earl Twp Terms by C W Shirk Paul Horst & Roy Good, Aucts

TUES MAR 14 - 10AM Farm Machinery, Dairy Eq Centre Co , 3 mis S of Millheim, PA, at Coburn, PA Donald E & Rosella Moore Mark Glick, Auct

THURS MAR 16 9AM Power Farm Eq , 3 Tractors 1 mi N of Intercourse Jessie & Susie King Steve Petersheim & Steve Jr , Aucts

FRI MAR 17 - 9AM Valuable Antiques, HH Salisbury Twp , between Rt 340 & 322, turn N off Rt 340 at E end of White Horse and Cambridge Rd , 3 mis to Red Hill Rd , turn left, first farm left Ralph E & Reba Hillard Robert E & Jeffrey R Martin, Aucts

FRI MAR 17 - 7PM Horse Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

SAT MAR 18 - 9AM Large Line Modern Farm Mach Centre Co , 2½ mi W of Boalsburg, PA, along Rt 45 Aulworth Farms, Tessie Wasson Mark Glick, Auct

SAT MAR 18 - 9AM 26th Annual Spring Sale, Kempton Community Center, Northern Berks Co 14 Auc ts 215-756 6511

SAT MAR 18 - 9 30AM Farm Machinery, Sows, Shoats, HH Chester Co , PA, Moscow Rd Jacob H King, Owner Steve Petersheim & Steve Jr , Aucts

SAT MAR 18 - 9 30AM Holmdel Valley Farms Large Farm Machinery Auction at Holmdel, NJ Col Fred R Daniel Aucts

WED THURS FRI MAR 22, 23, 24 - Farm Eq Marion, PA Ralph W Horst, Mgr

TUES MAR 21 - 12 Noon Holstein Dairy Herd, Milk Eq Centre Co , 2 mis E of Aaronsburg, PA, along Rt 45 Dean Winkelbech Mark Glick, Auct

SAT MAR 25 - Millersburg, PA Farm Machinery Larry Boyer, Owner Kling s Aucts Inc

SAT MAR 25 9 30AM Farm Machinery, JD, 5 Tractors, HH, Antiques Chester Co , PA, Rt 896 Hoopes L Jean E Yarnall Steve Petersheim & Steve Jr , Aucts

APRIL

FRI & SAT MAR 31 & APR 1 - 6PM & 8 30AM 7th Annual Lancaster Farm Toy Auction, Show & Sale at Willow Valley Family Resort & Conference Center, Rt 222, approx 3 mis S of Lanc Co

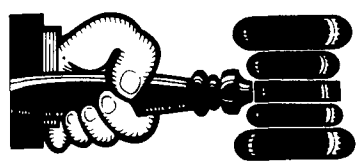
SAT APR 1- 9AM Farm Machinery, Hog Eq , HH Centre Co , 3 mis N of Bellefonte, PA, on Rt 550, turn left on Musser Lane Ron & Elva Kerstetter Mark Glick, Auct

TUES APR 4 - 6PM RV & Lawn Mower Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

FRI APR 7 - 7PM Horse Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

FRI APR 14 - 9AM Equipment Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA

FRI APR 28 - 7PM Horse Sale at New Holland Sales Stables Inc , 12 mis E of Lancaster on Rt 23, New Holland, PA



AUCTIONEER'S DIRECTORY

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LLOYD H. KREIDER
AUCTIONEER

ROY E. GOOD, JR.
RD 1 BOX 151 A

Auctioneer:
Steve
Steve Jr. **Petersheim:**

Petersheim Auctioneers

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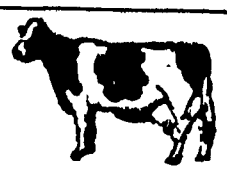
Take Note - Our New Phone Number
215-593-2828

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, DECEMBER 21, 1988

Heifer Sale Starts At 11:00 A.M.

1 Load Fresh and Springer Cows including a Purebred Red & White Crest Haven daughter, fresh, 2 yr. record 15,571M 3.7%T; 3 year record 20,101M 3.7%T, 744F, consigned by Leroy Smucker.

XXXXXXXX

1 Load New York State Cows, Purebreds and Grades, fresh and springers, consigned by Russell Lerwick.

XXXXXXXX

Also Selling

* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Alfred Albright.

PLUS MANY MORE CONSIGNMENTS
For More Information Contact:

Abe Diffenbach 225L
717-354-4341-Barn

Norman Kolb
717-397-5538

PUBLIC AUCTION

SATURDAY
DECEMBER 31, 1988
9:00 A.M.

TRACTORS FARM MACHINERY SHOP EQUIPMENT HOUSEHOLD GOODS

LOCATION: 1625 Russell Road, Lebanon, N. Annville Twp., Lebanon County, Pa. From traffic light in Annville at Rts. 422-934 proceed N. on Rt. 934 1½ miles, turn right onto Hill Church Rd. for 1.8 miles, turn left onto Russell Rd. and proceed 1 mile to farm lane on left.

TRACTORS COMBINE UNI-SYSTEM

AC 210 w/front weights-Year Round cab-20.8-38 radial tires; AC 6080 diesel w/front weights-2700 hrs.-18.4x34 tires- dual remote; JD B; CASE 1740 skid steer w/gas Ford Ind. engine; C 2 GLEANER gas combine w/grain head; NEW IDEA 702 uni-system w/3 row corn head, combine and 727 husker.

FARM MACHINERY

TILLAGE & PLANTING: Brillion 12' cultimulcher; Landoll 7 tooth soil saver; Case 5x16" trip plow; Oliver 3x16" roll over plow; AC 12' disc; AC 16' field cultivator; 12' Lely rotary; AC 4x30 #330 air planter; JD disc harrow; JD B cultivators; NI fertilizer spreader; AC 4 row snap coupler cultivators; 3 pt. 200 gal. sprayer; Mellinger chemical applicator; pto grass seeder.

HARVESTING: JD 336 baler w/40 ejector; NH 469 mower conditioner; NH 782 harvestor w/2 row corn & pickup heads; Gehl 72 field chopper; NH 1 row snapper head for 770 harvestor; AC hopper blower; NI wheel rake; 9" blower pipe & gooseneck; **WAGONS:** Parker gravity box w/NH gear, gravity box on CT gear, Grove bale wagon, Grove forage w/3 beaters & roof, (2) Dion forage w/3 beaters & roof, (2) wooden rack hay flat beds, Bale King w/McCurdy gear and hyd. auger gravity box wagon.

MISC. EQUIPMENT: NI 214 manure spreader w/hyd. tailgate; Little Giant 38' elevator; parts to 702 uni system; Gehl 120 grinder mixer; 16' Cardinal elevator; bale conveyor; seed cleaner; 6"x20' 6"x20' grain auger; 12"x20' manure auger; 12' Brady manure pump; 3 pt. post hole digger; 3200 gal. liquid manure spreader; 400 gal. SS milk tank for fertilizer; Bush Hog 5' rotary mower; 3 pt. 1 point bale carrier; grain roller mill; ground driven potato digger; Hainly garden tractor w/rototiller; V snow plow; 20KVW generator; **VEHICLES:** '74 Dodge truck w/extra 8 lug wheels and '78 Chrysler hard top.

SHOP EQUIPMENT

Floor sander; air compressor; ¾ socket set; small port. grinder; ⅛ & ½ drills; ½ " hammer drill; sheet metal cutter; angle iron bender; 4" metal bender; mitre knife; hardware; hand crank drill press; builders jack; 6" Skil saw; 3 ph 5hp refrigeration unit; window fan; 3ph 25 hp motor, MoPar car parts; wrecker frame for towing; 15' warehouse lift; furnace & burners and many other shop related items.

FARM RELATED ITEMS

500 gal. steel tank; 500 gal. poly tank for dry fertilizer; 110 gal. alum. tank; various sizes of water tanks; 200 gal. freezeless water trough; 1 prong manure loader mtd. bale prong; 2 wheel trailer; round hay feeder; 2 hole corn sheller; (2) platform scales; warehouse lift; mud pump; 1100-16, 20.8-38 & 18.4-28 tires; pony cart w/harness, saddle; milk cans; Shaver post driver; cement mixer; wooden & SS hog feeders; 3pt. 1 tooth sub soiler; alum. silo roof; port. welder w/Chevrolet engine-as is; bird catcher; Surge milker pump; (4) Surge units; fence chargers.

HOUSEHOLD GOODS

Doll; (3) rocking chairs; wooden high chair; green jars; reed doll buggy; dry sink; (2) 6 gal. crocks; old bed; Army bunk beds; bookcase headboard bed; springs & mattresses; marble roller; Estate heatrola; porcelain breakfast table; meat grinder; quilts & comforters; wood wardrobe; metal cabinet; adv. tins and other items.

AUCTION FOR:
IVAN & ANNA WEAVER
(717) 867-2243

HARRY H. BACHMAN - Auctioneer
AU-00033-L (717) 867-1809
Good food available - toilet facilities
AUCTION ORDER: Household goods, small shed items, 1:00 farm machinery

MELVIN KOLB, INC.

Lancaster, PA *Woodsboro, MD*

★ QUALITY HOLSTEIN DAIRY COWS & HEIFERS ★

700 HEAD ON HAND AT BOTH FARMS **700**

THE BOSS IS BACK IN TOWN WITH 3 HAND PICKED LOADS

3 Trailer Loads From New England State. Purebred & Grade Cows Close & Fresh.

3 Trailer Loads Of Real Dairy Cows From New York State. Purebred & Grades. Fresh & Packed Full Of Milk.

2 Trailer Loads Of Your Favorite Fancy Maine Heifers. 1st & 2nd Calf. Grade & Purebred.

1 Trailer Load Of Top Grade & P.B. 2nd Calf Heifers Out Of Mass.

Purebred And Grade Stock Bulls.

Purebred Heifer Calves.

LANCASTER, PA. FARM
PRIVATE SALES DAILY
(717) 569-6800/569-2106
*** NEXT PUBLIC SALE ***
Thurs., Jan. 5, 1989
11:00 A.M.
DENNIS KOLB, Manager

WOODSBORO, MD. FARM
(301) 898-7720/898-7663
PRIVATE SALES DAILY
*** ANNUAL CHRISTMAS SALE ***
Thurs., Jan. 19, 1989
11:00 A.M.
TOM KOLB, Manager

To faithful old friends... To cherished new friends

During the year, in the rush of events, we tend to overlook the important friendships that are the true basis of business relationships. One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit it is our pleasure to say "Thank You" and extend our sincere appreciation for the very pleasant association we enjoy with you.

KEYSTONE MILLS

PROVIDES

DAIRY NUTRITION PROGRAMS WHICH ARE:

- "CUSTOMIZED" TO YOUR FARM'S FORAGES, FACILITIES AND MANAGEMENT
- "PROVEN" BY PURINA'S "METABOLISM UNIT AND RESEARCH HERD DATA," TO PROVIDE YOUR "MAXIMUM INCOME OVER FEED COST."

QUALITY HERD MANAGEMENT AND RESEARCH PROVEN, FAT-ADDED NUTRITION PRODUCED INCREASED MILK AND PROFITS FOR THESE CUSTOMERS:

+4,133 Milk, +144 Fat 21,294 774 (9/88); 17,161 630 (4/87) MAXI-TECH 32 FF; 40 Cows	**+2,621 Milk, +109 Fat** 19,672 714 (9/88); 17,051 605 (8/87) MAXI-TECH 32 FF; 65 Cows
+1,966 Milk, +42 Fat 21,151 771 (10/88); 19,185 729 (4/87) MAXI-TECH 32 FF; 112 Cows	**+1,749 Milk, +69 Fat** 19,456 714 (3/88); 17,707 645 (4/87) MAXI-TECH 32 FF; 35 Cows
19,505 M., 703 F. (9/88) MAXI-TECH 32 FF; 63 Cows	**19,205 M., 693 F. (9/88)** MAXI-TECH 32 FF; 48 Cows
22,150 M., 792 F. (10/88) MAXI-TECH 32 FF; 55 Cows	**20,510 M., 739 F. (9/88)** MAXI-TECH 32 FF; 47 Cows

THESE HERDS INCREASED PRODUCTION AND CONTROLLED FEED COST BY USING A SPECIFIC, RESEARCH PROVEN BALANCE OF: MULTIPLE SOURCE PROTEIN, FERMENTABLE FIBER, MINERALS, VITAMINS, AND INCREASE ENERGY FROM ADDED FAT.

FOR MORE INFORMATION ON IMPROVING YOUR PROFITS THRU RESEARCH PROVEN, FAT-ADDED NUTRITION, CONTACT:

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